



District Improvement Plan

Midland Public Schools

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Introduction

The District Improvement Plan (DIP) has been designed to provide schools and districts with a common planning template that addresses student learning and system needs that have been identified through the schools' Comprehensive Needs Assessment.

Improvement Plan Stakeholder Involvement

Introduction

The responses should be brief, descriptive, and appropriate for the specific section. It is recommended that the responses are written offline and then transferred into the sections below.

Improvement Planning Process

Improvement Planning Process

Describe the process used to engage a variety of stakeholders in the development of the institution's improvement plan. Include information on how stakeholders were selected and informed of their roles, and how meetings were scheduled to accommodate them.

Our District School Improvement Committee (DSIC) consists of administrators, teachers, community members, parents, students and a Board member. Members are selected at the building level and informed of their role upon initial contact and at the first DSIC meeting. The Committee meets three times per year. Meeting dates are sent out well in advance to be secured on everyone's calendars. At the first meeting annually, processes are reviewed and modified as appropriate. At the last meeting of the year, again, information is sought to modify processes that would be more conducive to productive feedback.

Describe the representations from stakeholder groups that participated in the development of the improvement plan and their responsibilities in this process.

Each of our buildings is represented on our District School Improvement Committee (DSIC) by a parent, administrator, teacher, support staff and/or student. The principal is encouraged to submit names of parents, students (as appropriate), or teachers to sit on the building improvement committee. A multi-year (three year suggested term) commitment allows members to come to fully understand the process over the years and feel like they make contributions. Members may request a second term, but if approved, are then encouraged to open a place for new members. An orientation session assures that new members feel accepted and ready to operate as contributing members upon inception.

Explain how the final improvement plan was communicated to all stakeholders, and the method and frequency in which stakeholders receive information on its progress.

The District School Improvement Committee (DSIC) contributes to the development of the District Improvement Plan and, after final input from all stakeholder groups, the final improvement plan is taken to the Board of Education for approval. Minutes of all DSIC meetings and updates through the Board process are communicated to all DSIC members via e-mail. The final plan is available to the public for input during a 28 day input period. Any input is reviewed and incorporated as deemed appropriate by DSIC members.

2017-18 Midland Public Schools District Improvement Plan (Amended)

Overview

Plan Name

2017-18 Midland Public Schools District Improvement Plan (Amended)

Plan Description

2017-18 Midland Public Schools District Improvement Plan (Amended: December 2017)

Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

#	Goal Name	Goal Details	Goal Type	Total Funding
1	In order for all Midland Public Schools students to be college and career ready, they will be proficient in Mathematics	Objectives: 4 Strategies: 3 Activities: 54	Academic	\$14750314
2	In order for all Midland Public Schools students to be college and career ready, they will be proficient in English Language Arts	Objectives: 2 Strategies: 8 Activities: 40	Academic	\$4980834
3	In order for all Midland Public Schools students to be college and career ready, they will be proficient in Social Studies	Objectives: 3 Strategies: 3 Activities: 49	Academic	\$5519582
4	In order for all Midland Public Schools students to be college and career ready, they will be proficient in Science.	Objectives: 3 Strategies: 3 Activities: 52	Academic	\$14274364

Goal 1: In order for all Midland Public Schools students to be college and career ready, they will be proficient in Mathematics

Measurable Objective 1:

62% of All Students will demonstrate a proficiency by scoring at a level 3 or 4 in Mathematics by 06/30/2018 as measured by the M-STEP (85% proficiency by June 2024).

(shared) Strategy 1:

K-5 Mathematics Curriculum and Instruction - Using K-5 student achievement results and Common Core Mathematics State Standards (content and practices), the elementary teaching staff, guided by the work of the elementary PD committee, will continue to implement, adjust, and align K-5 textbook materials, objectives, and pacing guides addressing among other things the use of technology, differentiated instruction, interventions, and conceptual topic development.

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers of Mathematics 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Professional Standards for Teaching Mathematics, National Council of Teachers of Mathematics, 1991.

The differentiated Math Classroom, Murray & Jorgensen,2007.

Tier:

Activity - Common Core State Standards in Elementary Math Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The elementary Math PD committee will continue to adjust and fine tune changes to the curriculum to reflect the CCSS and the mathematical practices, take feedback from the teaching staff, and implement changes in the district assessment to reflect the changes in the curriculum. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$27000	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee
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Activity - Elementary Math Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time will be provided to work with colleagues at the same grade level to develop materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the CCSS. Emphasis will be placed on imbedding the CCSS Math Practices in all mathematics instruction and courses. Teachers will be involved in exploring the IB PYP program as it pertains to the MPS math curriculum. Time will also be devoted to Focus School achievement gaps and strategies for narrowing those gaps and the use of technology with students in mathematics instruction. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$800	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee, School Improvement Building Teams

Activity - Co-Taught Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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To increase students with IEPs performance on district and state wide assessments the school district will offer inclusion or co-taught math classrooms to the extent possible in all grade levels. Schools: All Schools	Academic Support Program			09/01/2015	06/30/2018	\$30000	General Fund	Building Principals, K-5 Curriculum Specialist, Director of Special Services
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Status	Progress Notes	Created On	Created By
In Progress	Currently implemented at Siebert in 4th and 5th grade	April 12, 2015	Mr. Brian R Brutyn

Activity - Computation, Number Sense, and Problem Solving (Dreambox)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			09/01/2015	06/30/2018	\$21000	Title I Part A	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: IA: Actual Cost of Shannon Samulski Training at Central Park = \$64,521 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Dreambox at Central Park Elementary and Plymouth: \$14,000 Central Park: Shannon Samulski to provide mathematical PD for teachers with 6 PD days (Banded K-1, 2-3,4-5) @ \$3000 per day and 12 coaching days @3 per day Total project cost=\$54,000	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Math Lock Boxes (Eastlawn) \$6050	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Dreambox Intervention/Enhancement: \$21,000 IA	June 17, 2016	Mr. Brian R Brutyn
In Progress	16-17: Eastlawn Elementary will host Numeracy Skills Training for staff: \$2,379 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			06/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator S, Elementary Building Principals

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn

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In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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N/A	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	07/30/2015	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development			07/01/2015	06/30/2018	\$363385	Other, Title II Part A	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
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Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.
Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel
Schools: Eastlawn School								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - NWEA Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students. Schools: Carpenter Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Title I Part A	Jeff Lauer, Carpenter Elementary Principal

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Status	Progress Notes	Created On	Created By
In Progress	17-18: Due to the closure of Carpenter, Central Park has chosen not to continue the assessment. The School Improvement Team will consider adding the assessment for 18-19 school year. If the team does not decide to add it, this activity will be removed.	June 14, 2017	Mr. Brian R Brutyn

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p> <p>Schools: Carpenter School, Eastlawn School</p>	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Middle School Mathematics Curriculum and Instruction - Middle School mathematics staff will continue the alignment of the MPS middle school mathematics curriculum

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with instructional best practices, use of technology, and the Common Core State Standards of Mathematics including the implementation of grade level common assessments and technology training to enable teachers to be more efficient and effective with data.

Category:

Research Cited: Principals and Standards for School Mathematics, National Council of Teachers of Mathematics, 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Common Core State Standards, 2010.

Tier:

Activity - MPS Middle School Math Common Assessment Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Direct Instruction			07/01/2015	06/30/2018	\$800	General Fund	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7990	Title II Part A, General Fund	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program			09/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

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Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Funding: \$231,415 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller - Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total</p>	June 15, 2017	Mr. Brian R Brutyn

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N/A	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn
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Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

District Improvement Plan

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology			06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

High School Curriculum and Instruction - High School Mathematics teachers will continue the alignment of the MPS mathematics curriculum with the Common Core State Standards, graduation requirements, instructional best practices, ACT college and career readiness standards, and IB standards (where appropriate).

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers, 2000.

Exemplary Practices for Secondary Math Teachers, Posamentier, Jaye, & Krulik, 2007.

District Improvement Plan

Midland Public Schools

The Essentials of Mathematics, Grade 7-12, Checkley, 2006.

National Common Core State Standards, 2010.

Tier:

Activity - HS Course Path Development and Transitions	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Curriculum Development			07/01/2015	06/30/2018	\$200	General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Professional Learning			07/01/2015	06/30/2018	\$7790	Title II Part A, General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program			07/01/2015	06/30/2018	\$300000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Virtual/Blended Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology Professional Learning			03/01/2016	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - IBDP Math Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522. Schools: H.H. Dow High School, Midland High School	Professional Learning			02/01/2016	06/30/2018	\$2522	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
Completed	Completed in 2015-16 School year	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professiona l Learning, Recruitmen t and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrati on and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

District Improvement Plan

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

Measurable Objective 2:

A 2% increase of Kindergarten, First, Second, Third, Fourth and Fifth grade students will demonstrate a proficiency by meeting the district standard of 75% in Mathematics by 06/30/2018 as measured by the district elementary mathematics assessment.

(shared) Strategy 1:

K-5 Mathematics Curriculum and Instruction - Using K-5 student achievement results and Common Core Mathematics State Standards (content and practices), the elementary teaching staff, guided by the work of the elementary PD committee, will continue to implement, adjust, and align K-5 textbook materials, objectives, and pacing guides addressing among other things the use of technology, differentiated instruction, interventions, and conceptual topic development.

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers of Mathematics 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Professional Standards for Teaching Mathematics, National Council of Teachers of Mathematics, 1991.

The differentiated Math Classroom, Murray & Jorgensen, 2007.

Tier:

Activity - Common Core State Standards in Elementary Math Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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The elementary Math PD committee will continue to adjust and fine tune changes to the curriculum to reflect the CCSS and the mathematical practices, take feedback from the teaching staff, and implement changes in the district assessment to reflect the changes in the curriculum. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$27000	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee
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Activity - Elementary Math Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time will be provided to work with colleagues at the same grade level to develop materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the CCSS. Emphasis will be placed on imbedding the CCSS Math Practices in all mathematics instruction and courses. Teachers will be involved in exploring the IB PYP program as it pertains to the MPS math curriculum. Time will also be devoted to Focus School achievement gaps and strategies for narrowing those gaps and the use of technology with students in mathematics instruction. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$800	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee, School Improvement Building Teams

Activity - Co-Taught Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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To increase students with IEPs performance on district and state wide assessments the school district will offer inclusion or co-taught math classrooms to the extent possible in all grade levels. Schools: All Schools	Academic Support Program			09/01/2015	06/30/2018	\$30000	General Fund	Building Principals, K-5 Curriculum Specialist, Director of Special Services
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Status	Progress Notes	Created On	Created By
In Progress	Currently implemented at Siebert in 4th and 5th grade	April 12, 2015	Mr. Brian R Brutyn

Activity - Computation, Number Sense, and Problem Solving (Dreambox)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			09/01/2015	06/30/2018	\$21000	Title I Part A	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: IA: Actual Cost of Shannon Samulski Training at Central Park = \$64,521 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Dreambox at Central Park Elementary and Plymouth: \$14,000 Central Park: Shannon Samulski to provide mathematical PD for teachers with 6 PD days (Banded K-1, 2-3,4-5) @ \$3000 per day and 12 coaching days @3 per day Total project cost=\$54,000	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Math Lock Boxes (Eastlawn) \$6050	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Dreambox Intervention/Enhancement: \$21,000 IA	June 17, 2016	Mr. Brian R Brutyn
In Progress	16-17: Eastlawn Elementary will host Numeracy Skills Training for staff: \$2,379 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			06/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator S, Elementary Building Principals

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

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In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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N/A	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	07/30/2015	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development			07/01/2015	06/30/2018	\$363385	Other, Title II Part A	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
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Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.
Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel
Schools: Eastlawn School								

Status	Progress Notes	Created On	Created By
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District Improvement Plan

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In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - NWEA Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students. Schools: Carpenter Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Title I Part A	Jeff Lauer, Carpenter Elementary Principal

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Status	Progress Notes	Created On	Created By
In Progress	17-18: Due to the closure of Carpenter, Central Park has chosen not to continue the assessment. The School Improvement Team will consider adding the assessment for 18-19 school year. If the team does not decide to add it, this activity will be removed.	June 14, 2017	Mr. Brian R Brutyn

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p> <p>Schools: Carpenter School, Eastlawn School</p>	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

Measurable Objective 3:

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95% of Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency of a passing grade in both semesters in Mathematics by 06/30/2018 as measured by letter grades (A-D) received in secondary mathematics courses.

(shared) Strategy 1:

Middle School Mathematics Curriculum and Instruction - Middle School mathematics staff will continue the alignment of the MPS middle school mathematics curriculum with instructional best practices, use of technology, and the Common Core State Standards of Mathematics including the implementation of grade level common assessments and technology training to enable teachers to be more efficient and effective with data.

Category:

Research Cited: Principals and Standards for School Mathematics, National Council of Teachers of Mathematics, 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Common Core State Standards, 2010.

Tier:

Activity - MPS Middle School Math Common Assessment Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results. Schools: Northeast Middle School, Jefferson Middle School	Direct Instruction			07/01/2015	06/30/2018	\$800	General Fund	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7990	General Fund, Title II Part A	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program			09/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

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Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Funding: \$231,415 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller - Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn

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N/A	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn
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Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professiona l Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrati on and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology			06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

High School Curriculum and Instruction - High School Mathematics teachers will continue the alignment of the MPS mathematics curriculum with the Common Core State Standards, graduation requirements, instructional best practices, ACT college and career readiness standards, and IB standards (where appropriate).

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers, 2000.

Exemplary Practices for Secondary Math Teachers, Posamentier, Jaye, & Krulik, 2007.

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The Essentials of Mathematics, Grade 7-12, Checkley, 2006.

National Common Core State Standards, 2010.

Tier:

Activity - HS Course Path Development and Transitions	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Curriculum Development			07/01/2015	06/30/2018	\$200	General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Professional Learning			07/01/2015	06/30/2018	\$7790	Title II Part A, General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program			07/01/2015	06/30/2018	\$300000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Virtual/Blended Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology Professional Learning			03/01/2016	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - IBDP Math Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522. Schools: H.H. Dow High School, Midland High School	Professional Learning			02/01/2016	06/30/2018	\$2522	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
Completed	Completed in 2015-16 School year	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

Midland Public Schools

<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Measurable Objective 4:

A 8% increase of Black or African-American, Bottom 30%, Economically Disadvantaged, Hispanic or Latino, Students with Disabilities and English Learners students will demonstrate a proficiency by scoring a 3 or 4 in Mathematics by 06/30/2018 as measured by M-STEP test.

(shared) Strategy 1:

K-5 Mathematics Curriculum and Instruction - Using K-5 student achievement results and Common Core Mathematics State Standards (content and practices), the elementary teaching staff, guided by the work of the elementary PD committee, will continue to implement, adjust, and align K-5 textbook materials, objectives, and pacing guides addressing among other things the use of technology, differentiated instruction, interventions, and conceptual topic development.

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers of Mathematics 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Professional Standards for Teaching Mathematics, National Council of Teachers of Mathematics, 1991.

The differentiated Math Classroom, Murray & Jorgensen, 2007.

Tier:

Activity - Common Core State Standards in Elementary Math Curriculum	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The elementary Math PD committee will continue to adjust and fine tune changes to the curriculum to reflect the CCSS and the mathematical practices, take feedback from the teaching staff, and implement changes in the district assessment to reflect the changes in the curriculum. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$27000	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee
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Activity - Elementary Math Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time will be provided to work with colleagues at the same grade level to develop materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the CCSS. Emphasis will be placed on imbedding the CCSS Math Practices in all mathematics instruction and courses. Teachers will be involved in exploring the IB PYP program as it pertains to the MPS math curriculum. Time will also be devoted to Focus School achievement gaps and strategies for narrowing those gaps and the use of technology with students in mathematics instruction. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$800	General Fund	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee, School Improvement Building Teams

Activity - Co-Taught Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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To increase students with IEPs performance on district and state wide assessments the school district will offer inclusion or co-taught math classrooms to the extent possible in all grade levels. Schools: All Schools	Academic Support Program			09/01/2015	06/30/2018	\$30000	General Fund	Building Principals, K-5 Curriculum Specialist, Director of Special Services
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Status	Progress Notes	Created On	Created By
In Progress	Currently implemented at Siebert in 4th and 5th grade	April 12, 2015	Mr. Brian R Brutyn

Activity - Computation, Number Sense, and Problem Solving (Dreambox)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			09/01/2015	06/30/2018	\$21000	Title I Part A	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: IA: Actual Cost of Shannon Samulski Training at Central Park = \$64,521 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Dreambox at Central Park Elementary and Plymouth: \$14,000 Central Park: Shannon Samulski to provide mathematical PD for teachers with 6 PD days (Banded K-1, 2-3,4-5) @ \$3000 per day and 12 coaching days @3 per day Total project cost=\$54,000	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Math Lock Boxes (Eastlawn) \$6050	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Dreambox Intervention/Enhancement: \$21,000 IA	June 17, 2016	Mr. Brian R Brutyn
In Progress	16-17: Eastlawn Elementary will host Numeracy Skills Training for staff: \$2,379 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			06/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator S, Elementary Building Principals

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn

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In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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N/A	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	07/30/2015	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development			07/01/2015	06/30/2018	\$363385	Title II Part A, Other	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
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Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.
Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel
Schools: Eastlawn School								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - NWEA Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students. Schools: Carpenter Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Title I Part A	Jeff Lauer, Carpenter Elementary Principal

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Status	Progress Notes	Created On	Created By
In Progress	17-18: Due to the closure of Carpenter, Central Park has chosen not to continue the assessment. The School Improvement Team will consider adding the assessment for 18-19 school year. If the team does not decide to add it, this activity will be removed.	June 14, 2017	Mr. Brian R Brutyn

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p> <p>Schools: Carpenter School, Eastlawn School</p>	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Middle School Mathematics Curriculum and Instruction - Middle School mathematics staff will continue the alignment of the MPS middle school mathematics curriculum

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with instructional best practices, use of technology, and the Common Core State Standards of Mathematics including the implementation of grade level common assessments and technology training to enable teachers to be more efficient and effective with data.

Category:

Research Cited: Principals and Standards for School Mathematics, National Council of Teachers of Mathematics, 2000.

Curriculum Focal Points, National Council of Teachers of Mathematics, 2006.

Common Core State Standards, 2010.

Tier:

Activity - MPS Middle School Math Common Assessment Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Direct Instruction			07/01/2015	06/30/2018	\$800	General Fund	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7990	General Fund, Title II Part A	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program			09/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

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Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Funding: \$231,415 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller - Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total</p>	June 15, 2017	Mr. Brian R Brutyn

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N/A	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn
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Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professiona l Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrati on and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology			06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

High School Curriculum and Instruction - High School Mathematics teachers will continue the alignment of the MPS mathematics curriculum with the Common Core State Standards, graduation requirements, instructional best practices, ACT college and career readiness standards, and IB standards (where appropriate).

Category:

Research Cited: Principles and Standards for School Mathematics, National Council of Teachers, 2000.

Exemplary Practices for Secondary Math Teachers, Posamentier, Jaye, & Krulik, 2007.

District Improvement Plan

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The Essentials of Mathematics, Grade 7-12, Checkley, 2006.

National Common Core State Standards, 2010.

Tier:

Activity - HS Course Path Development and Transitions	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Curriculum Development			07/01/2015	06/30/2018	\$200	General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Professional Learning			07/01/2015	06/30/2018	\$7790	Title II Part A, General Fund	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Taught Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program			07/01/2015	06/30/2018	\$300000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Virtual/Blended Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology Professional Learning			03/01/2016	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn

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In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn
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Activity - MCTM Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			07/28/2015	06/30/2018	\$4975	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for four (4) K-12 teachers to attend MCTM (mathematics) annual conference. \$701 per teacher. Registration \$260 x 4= \$1040. Mileage, food, hotel for 4 = \$1764. Held in Traverse City July 25-26 of 2017. \$2,804 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Pay for six (6) K-12 teachers to attend MCTM (mathematics) annual conference. \$ 1093 per teacher. Registration \$235 x 6 = \$1410, Mileage, food, hotel for 6 = \$5148. Held in Traverse City July 26-28 of 2016. Pay for one (1) curriculum administrator to attend MCTM (mathematics) Annual Conference. \$1690 per administrator. Registration \$240; Mileage, food, hotel = \$1450. Held in Traverse City July 26-28 of 2016.	June 15, 2016	Mr. Brian R Brutyn

Activity - Math Labs	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Academic Support Program			09/08/2015	06/30/2018	\$100000	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - IBDP Math Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522. Schools: H.H. Dow High School, Midland High School	Professional Learning			02/01/2016	06/30/2018	\$2522	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
Completed	Completed in 2015-16 School year	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professiona l Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Goal 2: In order for all Midland Public Schools students to be college and career ready, they will be proficient in English Language Arts

Measurable Objective 1:

72% of Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth and Eleventh grade students will demonstrate a proficiency (using multiple measures of data) in English Language Arts by 06/30/2018 as measured by the following assessments: District Assessments (K-2) and M-STEP Assessment: (85% proficiency by June 2024).

(shared) Strategy 1:

Problem Solving for Effective Instruction - Staff (teachers, temporary teachers, paraprofessionals, administrators) will receive coaching/training on applying interventions, differentiated instruction, using paraprofessionals effectively and lesson design for use with students at risk or not achieving in the core content using tiered interventions and problem solving. Staff will be trained in technology that will assist teachers in being more effective and efficient and provide alternate interventions as well as make use of technology for management, data collection and analysis. Staff may also receive training in classroom management or other individual needs of teachers/students by master teachers/teacher leaders/coaches. Paraprofessionals will receive training in how to support student learning.

Category:

Research Cited: RTI:

McCook, J.E. (2006). The RTI Guide: Developing and Implementing a Model in Your Schools, Horsham, PA: LRP Publications.<p>

Hall, S.L. (2008). Implementing Response to Intervention: A Principal's Guide. Thousand Oaks, CA: Corwin Press.<p>

ICT:

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Rosenfield, S. & Gravois, S.T. (1996). Instructional Consultation Teams, New York: Guilford

McGlinchey, M.T., & Goodman, S.D. (2008). Best Practices in Implementing School Reform. National Association of School Psychologists (August).

Stiles, K.E., & Love, N. (2008). The Data Coach's Guide to Improving Learning for All Students. Thousand Oaks, CA: Corwin Press.

Tier:

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	08/31/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger, MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Train Administrators: Effective Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Administrators will be trained for administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected administrators (Dow High School, and Midland High School) will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Administrators will attend state and national conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$14324	General Fund, Title II Part A	Brian Brutyn: Assoc. Supt. for Curriculum Lou Ann Bensinger and Penny Miller Nelson, Scott Cochran: Instructional Specialists Chris Sabourin: Instructional Specialist for Technology Mary Laures: Dir. of Special Ed. Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$650 per administrator. Registration = \$240 * 2 = \$480; Mileage, parking, food, hotel for \$410 x. 2 = \$820. Held in Detroit March 17-18, 2018. (\$1300 Total) 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Add additional administrator to attend MRA. Details: Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$835 per administrator. Registration = \$335 * 2 = \$670; Mileage, parking, food, hotel = \$1000. Held in Grand Rapids March 10-13, 2017.	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: MRA: Pay for one (1) curriculum administrators to attend MRA Annual Conference. \$1162 per administrator. Registration = \$325; Mileage, parking, food, hotel = \$837. Held in Grand Rapids March 10-13, 2017.	June 16, 2016	Mr. Brian R Brutyn
In Progress	2015-2016: MRA: two (2) administrators to attend MRA Annual Conference. \$1162 per administrator. Registration = \$640; Mileage, parking, food, hotel = \$1684. Held in Detroit March 18-21 of 2016 (\$2,324 Total: IIA)	December 28, 2015	Mr. Brian R Brutyn

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Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$363385	Title II Part A, Other	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Professional Learning			07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
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Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Train added professional staff to work in Core Areas to Support Achievement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Professional Learning			07/01/2015	06/30/2018	\$5000	Title I Part A	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction

Activity - Train Teachers in Effective Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB) Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$32386	Title I Part A, General Fund, Title II Part A	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for eleven (11) K-12 teachers to attend MRA. (\$650 per teacher.) Registration = \$240 x 11 = \$2640; Mileage, parking, food, hotel for \$410 x. 11 = \$4510. Held in Detroit March 17-18, 2018 (no subs needed.) Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$650 per administrator. Registration = \$240 * 2 = \$480; Mileage, parking, food, hotel for \$410 x. 2 = \$820. Held in Detroit March 17-18, 2018. Total IIA: \$8,450	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA: Pay for eight (8) K-12 teachers to attend MRA. (\$650 per teacher.) Registration = \$240 x 8 = \$1920; Mileage, parking, food, hotel for \$410 x. 8 = \$3280. Held in Detroit March 17-18, 2018 (no subs needed.) Total: \$5,200	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Add 6 additional teachers to original MRA request. Details: Pay for 16 K-12 teachers to attend MRA. (\$665 per teacher. Registration = \$3520; Mileage, parking, food, hotel = \$4350. Held in Grand Rapids March 10-13, 2017 (no subs needed.)	December 27, 2016	Mr. Brian R Brutyn

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In Progress	16-17 Update: 2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Category 2 Workshop for Language Arts and Extended Essay in Baltimore MD, Dec 2016. Cost per teacher = \$2090 Registration for = \$1780. Hotel, flight, ground transportation, parking, mileage, meals for 2 = \$2400. Sub costs: 4 contracted substitute teachers @ \$85/day to cover classes of language arts teachers attending IBDP ELA training. 4 x \$85 = \$340	June 16, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: MRA: Pay for 10 K-12 teachers to attend MRA. (\$665 per teacher. Registration = \$2300; Mileage, parking, food, hotel = \$4350. Held in Grand Rapids March 10-13, 2017 (no subs needed.)	June 16, 2016	Mr. Brian R Brutyn
In Progress	Update for 15-16: IB Language and Literature Training: 2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Language Arts. Cost per teacher = \$2151 x 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522. (\$4,302 Total: IIA) MRA Training: (20) K-12 teachers to attend MRA. \$ 645 per teacher. Registration = \$4100 Mileage, parking, food, hotel = \$8800. Held in Detroit March 18-21, 2015 (no subs needed.) (\$12,800 Total: IIA)	December 28, 2015	Mr. Brian R Brutyn

Activity - Consolidated Application Workshops	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Professional Learning			07/01/2015	06/30/2018	\$4002	Title I Part A	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment TIA: Allocation for Central Park, Plymouth, and Central Office Administrator to cover Fall and Winter conferences/Boot Camps (\$10,052)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 TIA: Allocation for Central Park, Plymouth, and Central Office Administrator to cover Fall and Winter conferences/Boot Camps (\$9,422)	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment TIA: Updated Funding: Allocation for Carpenter, Eastlawn, Plymouth, and Central Office Administrator amended to \$12,523 to cover Fall and Winter conferences/training.	January 06, 2017	Mr. Brian R Brutyn

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Activity - Positive Behavior Supports	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPs process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Title I Part A	Principal, Classroom Teachers

Status	Progress Notes	Created On	Created By
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Increased funding to \$500 for SOAR store (PBS Incentives) at Eastlawn Elementary.	January 06, 2017	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	General Fund	Building Principals Director of Special Services Coordinator of Elementary Instruction

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
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Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,04	June 16, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 28, 2017	Mr. Brian R Brutyn

Activity - NWEA Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Title I Part A	Jeff Lauer, Carpenter Elementary Principal
Schools: Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18: Due to the closure of Carpenter, Central Park has chosen not to continue the assessment. The School Improvement Team will consider adding the assessment for 18-19 school year. If the team does not decide to add it, this activity will be removed.	June 14, 2017	Mr. Brian R Brutyn

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

District Improvement Plan
Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

Activity - K-3rd Grade Literacy Intervention Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <ul style="list-style-type: none"> o A progress monitoring meeting may occur during Fall Conferences o The 2nd formal meeting may occur during Spring Conferences <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p>	<p>Academic Support Program, Parent Involvement, Professional Learning</p>	<p>Tier 3</p>	<p>Implement</p>	<p>07/01/2017</p>	<p>06/30/2021</p>	<p>\$330000</p>	<p>Section 31a</p>	<p>All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)</p>
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District Improvement Plan

Midland Public Schools

<p>• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:</p> <ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>								
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(shared) Strategy 2:

Promote inclusive education opportunities in ELA classrooms - The school district will offer co-taught classrooms to allow students with special education needs to be involved in the general education curriculum to the fullest extent possible.

Category:

Research Cited: Students with disabilities in inclusive classrooms show academic gains in a number of areas, including improved performance on standardized tests, mastery of IEP goals, grades, on-task behavior and motivation to learn (National Center for Education Restructuring and Inclusion, 1995).

In addition, children with intellectual disabilities educated in general education settings have been found to score higher on literacy measures than students educated in segregated settings (Buckley, 2000).

Tier:

District Improvement Plan

Midland Public Schools

Activity - Co-Taught ELA Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: All Schools	Academic Support Program			07/01/2015	06/30/2018	\$0	General Fund	Building Principals Curriculum Specialists Director of Special Services

Status	Progress Notes	Created On	Created By
In Progress	Siebert in 4th and 5th grade. All schools and core ELA courses 6-12.	April 12, 2015	Mr. Brian R Brutyn

Activity - Resource Room ELA Curriculum Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will identify a scope and sequence of content and strategies to enhance ELA resource room instruction. The focus is on increasing students overall skills and abilities. Schools: Northeast Middle School, Jefferson Middle School	Curriculum Development			07/01/2015	06/30/2018	\$8401	General Fund	Mary Laures

(shared) Strategy 3:

Writing Curriculum Guides, Inquiry Units and Scope and Sequence - Staff will learn how to construct and revise curriculum guides, which will include the Common Core State Standards, transdisciplinary inquiry units (PYP) and scope and sequence documents for each grade level and content area, particularly adding modifications for at-risk learners. Work will be completed during the summer curriculum study, through release days and at regularly scheduled PD time. Supplemental and core materials will be identified, reviewed and purchased if necessary. Supports for parents and families to accomplish the outcomes will be identified.

Category:

Research Cited: Common Core State Standards, 2010<.>

Pathways to the Common Core, Accelerating Achievement, 2012 <.>

Using Common Core Standards to Enhance Classroom Instruction and Assessment, 2013 <.>

District Improvement Plan

Midland Public Schools

The Core Six, 2012 <.>

A Critical Elements Analysis, 2006 <.>

The Art and Science of Teaching, 2007 <.>

Making the PYP Happen, 2012<.>

Tier:

Activity - Elementary: Writing and Revising Curriculum Materials	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$2000	General Fund	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinators, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food: \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes: \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School ELA Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS ELA teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

(shared) Strategy 4:

Common Core Training (ELA) - All teachers will receive training in the use of reading and writing strategies to improve student achievement following the data analysis of 2015 state summative assessments. Teachers will receive training in best practices for reading and writing.

Category:

Research Cited: Common Core State Standards, 2010;

College Knowledge, 2005;

Using Common Core Standards to Enhance Classroom Instruction, 2013

Reading Next Report, 2010;

Classroom Instruction That Works, 2007;

Subjects Matter, 2004;

Strategies That Work 2, 2007

Reading Apprenticeship

District Improvement Plan

Midland Public Schools

Tier:

Activity - Common Core Training (ELA)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will participate in professional development at the building level and/or district level and/or state level to learn strategies for teaching reading and writing. Teachers will review student data and student work to guide their learning. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$5000	General Fund	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Building Principals Teacher Leaders

(shared) Strategy 5:

Use Technology as a Learning Tool - Technology has been shown to increase achievement, both K-12 teachers and administrators must be trained to understand how and why to use technology to improve student achievement.

Category:

Research Cited: Classroom Instruction That Works - Marzano, Pickering, and Pollock;

Common Core State Standards;

ISTE NETS-A, ISTE NETS-T, ISTE NETS-S

Tier:

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member who plans to attend will register and have a specific goal for learning in mind.	Technology , Professional Learning			03/17/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Technology and Media Curriculum Specialist
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Activity - Using Mobile Devices in the Secondary Classroom	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology , Professional Learning			07/01/2015	06/30/2018	\$10000	General Fund	Chris Sabourin - Technology and Media Curriculum Specialist

Activity - Online Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide professional development in the construction of courses to be delivered in a 100% online learning format. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology , Professional Learning			07/01/2015	06/30/2018	\$8500	General Fund	Technology and Media Curriculum Specialist - Chris Sabourin

Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

25 teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
N/A	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$2691300	Other	All Technology , Administration, and Teaching Staff
Schools: All Schools								

Status	Progress Notes	Created On	Created By
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District Improvement Plan

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In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Note: The funding total includes all 3 levels (Elementary, Middle and High Schools). This varies from the language in the other content goals due to ASSIST formatting issues.	March 30, 2016	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

(shared) Strategy 6:

Daily Writing Instruction - Teachers will provide daily writing instruction to all students. Instruction will include writing opinion and argument, the writing of informative/explanatory texts, and writing narratives. Six + 1 Traits of Writing Model will be used for multiple genres of writing in a workshop setting. Students will write over extended time frames and shorter time frames for a range of tasks, purposes, and audiences.

Category: English/Language Arts

Research Cited: Common Core State Standards, 2010;

College Knowledge, 2005;

Core Six, Essential Strategies, 2012;

Northwest Regional Education Laboratory; Hillocks, 2010

Using Common Core Standards to Enhance Classroom Instruction & Assessment; Marzano, 2013

Tier:

Activity - Writing Across the Curriculum PD	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning			07/01/2015	06/30/2018	\$5000	General Fund	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum
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Activity - Research to Build Knowledge	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Teachers will participate in professional development to learn and review strategies for teaching research skills. Teachers will become familiar with instruction that addresses short as well as sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. Teachers will become familiar with multiple print and digital sources of information and how to assess the credibility and accuracy of different sources. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$1200	General Fund	Lou Ann Bensinger, Instructional Specialist; Scott Cochran, Instructional Specialist; Penny Miller-Nelson, Instructional Specialist; Chris Sabourin, Coordinator; Instructional Technology; Jenny Lenon, Learning Coach Teacher Leaders
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Activity - Grade Level Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers, building administrators and intervention coaches will meet three times during the year to review grade level progress on district assessments. Benchmarks and expected outcome will be established during these meetings. Schools: All Schools	Academic Support Program			07/01/2015	06/30/2018	\$10267	General Fund	Building Principals Elementary Instructional Specialist Director of Special Services

(shared) Strategy 7:

Family and Student Support - Provide resources to reduce behaviors that impede achievement, increase communication between the classroom and the home, help parents learn how to assist the student with learning, provide books and supplies for learning, increase student attendance, and remedy inconsistent parent

District Improvement Plan

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involvement in learning. Provide additional learning opportunities for identified students. Meetings will be family friendly providing food and child care as needed.

Category:

Research Cited: Horner, R., Todd, A., Lewis-Palmer, T., Irvin, L., Sugai, G., & Boland J., (2004).<p> The Schoolwide Evaluation Tool (SET): A research instrument for assessing schoolwide positive behavior supports. Journal of Positive Behavior Interventions, 6, 3-12. <p>

Spaulding, S., Irvin, L., Horner, R., May, S., Emeldi, M., Tobin, T., & Sugai, G. (in press). Schoolwide Social-Behavioral Climate, Student Problem Behavior, and Related Administrative Decisions: Empirical Patterns from 1,510 Schools Nationwide, Journal of Positive Behavioral Interventions.

Marzano, Robert; Building Background Knowledge for Academic Achievement, (ASCD); 2004 <.>

Marzano, Robert; Classroom Instruction That Works, (McREL); 2nd Edition, 2012 <.>

Tough, Paul; How Children Succeed, (Houghton, Mifflin, Harcourt) 2012

Tier:

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.</p> <p>Schools: Eastlawn School</p>	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn

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In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer Learning Opportunities to be provided at Eastlawn, and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities.</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			07/01/2015	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal, Bridget Hockemeyer: Plymouth Elementary Principal, Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

(shared) Strategy 8:

Homeless Students - Processes will be implemented and monitoring process developed to assure that homeless students will receive the support needed for academic

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success.

Category: English/Language Arts

Research Cited: Payne, Ruby K. A Framework for Understanding Poverty, 2005.

Tier:

Activity - Coordination Meeting	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<ul style="list-style-type: none"> The district homeless liaison and the Title 1 Administrator will meet twice annually for planned discussion of the needs and interventions for homeless students. More meetings will take place as seen as needed by the district liaison based on reports of principals. In the June meeting the methods for meeting needs will be selected and the documentation for the Consolidated Application will be completed. <p>Schools: All Schools</p>	Other			07/01/2015	06/30/2018	\$0	No Funding Required	District homeless liaison and the Title I administrator.

Status	Progress Notes	Created On	Created By
In Progress	17-18 Meeting Occurred on 6/12/17 (Kullick, Brutyn, IA Team)	June 14, 2017	Mr. Brian R Brutyn

Activity - Academic Interventions for Homeless Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Homeless students in non-Title 1 buildings identified by Homeless Liaison will be screened for academic need using assessment data, grades or other means decided at the building. Using Title I dollars the students will receive assistance comparable to the at-risk students in the Title buildings. In Title I buildings, all homeless students will be considered eligible for service.	Other			07/01/2015	06/30/2018	\$3475	Title I Part A	Homeless Liaison, Associate Superintendent CIA, Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment: Funds will continue to be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$8,000 transportation. (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$7938. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$6,000 transportation. Money to be increased according to Comprehensive Needs Assessment at amendment time	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: IA Update: Increase Homeless set-aside to \$8,254 per Comprehensive Needs Assessment. Split: \$1,254 academic services, \$7,000 transportation	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$4254. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,254 academic services, \$3,000 transportation). Money to be increased according to Comprehensive Needs Assessment at amendment time.	June 16, 2016	Mr. Brian R Brutyn

Activity - Non-Academic Interventions for Homeless Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
McKinney Vento Funds will be used for basic needs including clothing, food and fuel. Non-academic needs in all buildings will be considered by the principals of each building and funds will be met according to McKinney Vento guidelines. As these needs are detected, a call will be made by the building principal to the district homeless liaison to determine the intervention.	Other			07/01/2015	06/30/2018	\$11950	Other, Title I Part A	Homeless Liaison, Associate Superintendent CIA, Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Funds will continue to be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$8,000 transportation. (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$7938. Funds will be utilized to provide interventions and transportation to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$6,000 transportation. Money to be increased according to Comprehensive Needs Assessment at amendment time	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: IA Update: Increase Homeless set-aside to \$8,254 per Comprehensive Needs Assessment. Split: \$1,254 academic services, \$7,000 transportation	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$4254. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,254 academic services, \$3,000 transportation). Money to be increased according to Comprehensive Needs Assessment at amendment time.	June 16, 2016	Mr. Brian R Brutyn

Measurable Objective 2:

A 5% increase of Third, Fourth, Fifth, Sixth, Seventh, Eighth and Eleventh grade Black or African-American, Bottom 30%, Economically Disadvantaged, Hispanic or Latino, Students with Disabilities and English Learners students will demonstrate a proficiency level of 3 or 4 in English Language Arts by 06/30/2018 as measured by M-STEP Assessments (85% by June 2024).

(shared) Strategy 1:

Problem Solving for Effective Instruction - Staff (teachers, temporary teachers, paraprofessionals, administrators) will receive coaching/training on applying interventions, differentiated instruction, using paraprofessionals effectively and lesson design for use with students at risk or not achieving in the core content using tiered interventions and problem solving. Staff will be trained in technology that will assist teachers in being more effective and efficient and provide alternate interventions as well as make use of technology for management, data collection and analysis. Staff may also receive training in classroom management or other individual needs of teachers/students by master teachers/teacher leaders/coaches. Paraprofessionals will receive training in how to support student learning.

Category:

Research Cited: RTI:

McCook, J.E. (2006). The RTI Guide: Developing and Implementing a Model in Your Schools, Horsham, PA: LRP Publications.<p>

Hall, S.L. (2008). Implementing Response to Intervention: A Principal's Guide. Thousand Oaks, CA: Corwin Press.<p>

ICT:

Rosenfield, S. & Gravois, S.T. (1996). Instructional Consultation Teams, New York: Guilford<p>

McGlinchey, M.T., & Goodman, S.D. (2008). Best Practices in Implementing School Reform. National Association of School Psychologists (August).<p>

Stiles, K.E., & Love, N. (2008). The Data Coach's Guide to Improving Learning for All Students. Thousand Oaks, CA: Corwin Press.<p>

Tier:

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	08/31/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger, MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Train Administrators: Effective Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Administrators will be trained for administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected administrators (Dow High School, and Midland High School) will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Administrators will attend state and national conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$14324	General Fund, Title II Part A	Brian Brutyn: Assoc. Supt. for Curriculum Lou Ann Bensinger and Penny Miller Nelson, Scott Cochran: Instructional Specialists Chris Sabourin: Instructional Specialist for Technology Mary Laures: Dir. of Special Ed. Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18: IIA: Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$650 per administrator. Registration = \$240 * 2 = \$480; Mileage, parking, food, hotel for \$410 x. 2 = \$820. Held in Detroit March 17-18, 2018. (\$1300 Total) 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Add additional administrator to attend MRA. Details: Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$835 per administrator. Registration = \$335 * 2 = \$670; Mileage, parking, food, hotel = \$1000. Held in Grand Rapids March 10-13, 2017.	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: MRA: Pay for one (1) curriculum administrators to attend MRA Annual Conference. \$1162 per administrator. Registration = \$325; Mileage, parking, food, hotel = \$837. Held in Grand Rapids March 10-13, 2017.	June 16, 2016	Mr. Brian R Brutyn
In Progress	2015-2016: MRA: two (2) administrators to attend MRA Annual Conference. \$1162 per administrator. Registration = \$640; Mileage, parking, food, hotel = \$1684. Held in Detroit March 18-21 of 2016 (\$2,324 Total: IIA)	December 28, 2015	Mr. Brian R Brutyn

District Improvement Plan

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Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$363385	Title II Part A, Other	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Professional Learning			07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
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Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Train added professional staff to work in Core Areas to Support Achievement	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Professional Learning			07/01/2015	06/30/2018	\$5000	Title I Part A	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction

Activity - Train Teachers in Effective Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB) Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$32386	General Fund, Title II Part A, Title I Part A	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for eleven (11) K-12 teachers to attend MRA. (\$650 per teacher.) Registration = \$240 x 11 = \$2640; Mileage, parking, food, hotel for \$410 x. 11 = \$4510. Held in Detroit March 17-18, 2018 (no subs needed.) Pay for two (2) curriculum administrators to attend MRA Annual Conference. \$650 per administrator. Registration = \$240 * 2 = \$480; Mileage, parking, food, hotel for \$410 x. 2 = \$820. Held in Detroit March 17-18, 2018. Total IIA: \$8,450	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA: Pay for eight (8) K-12 teachers to attend MRA. (\$650 per teacher.) Registration = \$240 x 8 = \$1920; Mileage, parking, food, hotel for \$410 x. 8 = \$3280. Held in Detroit March 17-18, 2018 (no subs needed.) Total: \$5,200	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Add 6 additional teachers to original MRA request. Details: Pay for 16 K-12 teachers to attend MRA. (\$665 per teacher. Registration = \$3520; Mileage, parking, food, hotel = \$4350. Held in Grand Rapids March 10-13, 2017 (no subs needed.)	December 27, 2016	Mr. Brian R Brutyn

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In Progress	16-17 Update: 2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Category 2 Workshop for Language Arts and Extended Essay in Baltimore MD, Dec 2016. Cost per teacher = \$2090 Registration for = \$1780. Hotel, flight, ground transportation, parking, mileage, meals for 2 = \$2400. Sub costs: 4 contracted substitute teachers @ \$85/day to cover classes of language arts teachers attending IBDP ELA training. 4 x \$85 = \$340	June 16, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: MRA: Pay for 10 K-12 teachers to attend MRA. (\$665 per teacher. Registration = \$2300; Mileage, parking, food, hotel = \$4350. Held in Grand Rapids March 10-13, 2017 (no subs needed.)	June 16, 2016	Mr. Brian R Brutyn
In Progress	Update for 15-16: IB Language and Literature Training: 2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Language Arts. Cost per teacher = \$2151 x 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522. (\$4,302 Total: IIA) MRA Training: (20) K-12 teachers to attend MRA. \$ 645 per teacher. Registration = \$4100 Mileage, parking, food, hotel = \$8800. Held in Detroit March 18-21, 2015 (no subs needed.) (\$12,800 Total: IIA)	December 28, 2015	Mr. Brian R Brutyn

Activity - Consolidated Application Workshops	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Professional Learning			07/01/2015	06/30/2018	\$4002	Title I Part A	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment TIA: Allocation for Central Park, Plymouth, and Central Office Administrator to cover Fall and Winter conferences/Boot Camps (\$10,052)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 TIA: Allocation for Central Park, Plymouth, and Central Office Administrator to cover Fall and Winter conferences/Boot Camps (\$9,422)	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment TIA: Updated Funding: Allocation for Carpenter, Eastlawn, Plymouth, and Central Office Administrator amended to \$12,523 to cover Fall and Winter conferences/training.	January 06, 2017	Mr. Brian R Brutyn

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Activity - Positive Behavior Supports	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPs process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Title I Part A	Principal, Classroom Teachers

Status	Progress Notes	Created On	Created By
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Increased funding to \$500 for SOAR store (PBS Incentives) at Eastlawn Elementary.	January 06, 2017	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	General Fund	Building Principals Director of Special Services Coordinator of Elementary Instruction

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
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Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,04	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 28, 2017	Mr. Brian R Brutyn

Activity - NWEA Assessments	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Title I Part A	Jeff Lauer, Carpenter Elementary Principal
Schools: Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18: Due to the closure of Carpenter, Central Park has chosen not to continue the assessment. The School Improvement Team will consider adding the assessment for 18-19 school year. If the team does not decide to add it, this activity will be removed.	June 14, 2017	Mr. Brian R Brutyn

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

Activity - K-3rd Grade Literacy Intervention Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <ul style="list-style-type: none"> o A progress monitoring meeting may occur during Fall Conferences o The 2nd formal meeting may occur during Spring Conferences <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	Section 31a	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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<p>• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:</p> <ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>								
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(shared) Strategy 2:

Promote inclusive education opportunities in ELA classrooms - The school district will offer co-taught classrooms to allow students with special education needs to be involved in the general education curriculum to the fullest extent possible.

Category:

Research Cited: Students with disabilities in inclusive classrooms show academic gains in a number of areas, including improved performance on standardized tests, mastery of IEP goals, grades, on-task behavior and motivation to learn (National Center for Education Restructuring and Inclusion, 1995).

In addition, children with intellectual disabilities educated in general education settings have been found to score higher on literacy measures than students educated in segregated settings (Buckley, 2000).

Tier:

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Activity - Co-Taught ELA Classrooms	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: All Schools	Academic Support Program			07/01/2015	06/30/2018	\$0	General Fund	Building Principals Curriculum Specialists Director of Special Services

Status	Progress Notes	Created On	Created By
In Progress	Siebert in 4th and 5th grade. All schools and core ELA courses 6-12.	April 12, 2015	Mr. Brian R Brutyn

Activity - Resource Room ELA Curriculum Alignment	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will identify a scope and sequence of content and strategies to enhance ELA resource room instruction. The focus is on increasing students overall skills and abilities. Schools: Northeast Middle School, Jefferson Middle School	Curriculum Development			07/01/2015	06/30/2018	\$8401	General Fund	Mary Laures

(shared) Strategy 3:

Writing Curriculum Guides, Inquiry Units and Scope and Sequence - Staff will learn how to construct and revise curriculum guides, which will include the Common Core State Standards, transdisciplinary inquiry units (PYP) and scope and sequence documents for each grade level and content area, particularly adding modifications for at-risk learners. Work will be completed during the summer curriculum study, through release days and at regularly scheduled PD time. Supplemental and core materials will be identified, reviewed and purchased if necessary. Supports for parents and families to accomplish the outcomes will be identified.

Category:

Research Cited: Common Core State Standards, 2010<.>

Pathways to the Common Core, Accelerating Achievement, 2012 <.>

Using Common Core Standards to Enhance Classroom Instruction and Assessment, 2013 <.>

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The Core Six, 2012 <.>

A Critical Elements Analysis, 2006 <.>

The Art and Science of Teaching, 2007 <.>

Making the PYP Happen, 2012<.>

Tier:

Activity - Elementary: Writing and Revising Curriculum Materials	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$2000	General Fund	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinators, Elementary Building Principals

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food: \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes: \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School ELA Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS ELA teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

(shared) Strategy 4:

Common Core Training (ELA) - All teachers will receive training in the use of reading and writing strategies to improve student achievement following the data analysis of 2015 state summative assessments. Teachers will receive training in best practices for reading and writing.

Category:

Research Cited: Common Core State Standards, 2010;

College Knowledge, 2005;

Using Common Core Standards to Enhance Classroom Instruction, 2013

Reading Next Report, 2010;

Classroom Instruction That Works, 2007;

Subjects Matter, 2004;

Strategies That Work 2, 2007

Reading Apprenticeship

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Tier:

Activity - Common Core Training (ELA)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will participate in professional development at the building level and/or district level and/or state level to learn strategies for teaching reading and writing. Teachers will review student data and student work to guide their learning. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$5000	General Fund	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Building Principals Teacher Leaders

(shared) Strategy 5:

Use Technology as a Learning Tool - Technology has been shown to increase achievement, both K-12 teachers and administrators must be trained to understand how and why to use technology to improve student achievement.

Category:

Research Cited: Classroom Instruction That Works - Marzano, Pickering, and Pollock;

Common Core State Standards;

ISTE NETS-A, ISTE NETS-T, ISTE NETS-S

Tier:

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member who plans to attend will register and have a specific goal for learning in mind.	Technology , Professional Learning			03/17/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Technology and Media Curriculum Specialist
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Activity - Using Mobile Devices in the Secondary Classroom	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology , Professional Learning			07/01/2015	06/30/2018	\$10000	General Fund	Chris Sabourin - Technology and Media Curriculum Specialist

Activity - Online Learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide professional development in the construction of courses to be delivered in a 100% online learning format. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Technology , Professional Learning			07/01/2015	06/30/2018	\$8500	General Fund	Technology and Media Curriculum Specialist - Chris Sabourin

Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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25 teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
N/A	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$2691300	Other	All Technology , Administration, and Teaching Staff
Schools: All Schools								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Note: The funding total includes all 3 levels (Elementary, Middle and High Schools). This varies from the language in the other content goals due to ASSIST formatting issues.	March 30, 2016	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

(shared) Strategy 6:

Daily Writing Instruction - Teachers will provide daily writing instruction to all students. Instruction will include writing opinion and argument, the writing of informative/explanatory texts, and writing narratives. Six + 1 Traits of Writing Model will be used for multiple genres of writing in a workshop setting. Students will write over extended time frames and shorter time frames for a range of tasks, purposes, and audiences.

Category: English/Language Arts

Research Cited: Common Core State Standards, 2010;

College Knowledge, 2005;

Core Six, Essential Strategies, 2012;

Northwest Regional Education Laboratory; Hillocks, 2010

Using Common Core Standards to Enhance Classroom Instruction & Assessment; Marzano, 2013

Tier:

Activity - Writing Across the Curriculum PD	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning			07/01/2015	06/30/2018	\$5000	General Fund	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum
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Activity - Research to Build Knowledge	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Teachers will participate in professional development to learn and review strategies for teaching research skills. Teachers will become familiar with instruction that addresses short as well as sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. Teachers will become familiar with multiple print and digital sources of information and how to assess the credibility and accuracy of different sources. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$1200	General Fund	Lou Ann Bensinger, Instructional Specialist; Scott Cochran, Instructional Specialist; Penny Miller-Nelson, Instructional Specialist; Chris Sabourin, Coordinator; Instructional Technology; Jenny Lenon, Learning Coach Teacher Leaders
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Activity - Grade Level Meetings	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers, building administrators and intervention coaches will meet three times during the year to review grade level progress on district assessments. Benchmarks and expected outcome will be established during these meetings. Schools: All Schools	Academic Support Program			07/01/2015	06/30/2018	\$10267	General Fund	Building Principals Elementary Instructional Specialist Director of Special Services

(shared) Strategy 7:

Family and Student Support - Provide resources to reduce behaviors that impede achievement, increase communication between the classroom and the home, help parents learn how to assist the student with learning, provide books and supplies for learning, increase student attendance, and remedy inconsistent parent

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involvement in learning. Provide additional learning opportunities for identified students. Meetings will be family friendly providing food and child care as needed.

Category:

Research Cited: Horner, R., Todd, A., Lewis-Palmer, T., Irvin, L., Sugai, G., & Boland J., (2004).<p> The Schoolwide Evaluation Tool (SET): A research instrument for assessing schoolwide positive behavior supports. Journal of Positive Behavior Interventions, 6, 3-12. <p>

Spaulding, S., Irvin, L., Horner, R., May, S., Emeldi, M., Tobin, T., & Sugai, G. (in press). Schoolwide Social-Behavioral Climate, Student Problem Behavior, and Related Administrative Decisions: Empirical Patterns from 1,510 Schools Nationwide, Journal of Positive Behavioral Interventions.

Marzano, Robert; Building Background Knowledge for Academic Achievement, (ASCD); 2004 <.>

Marzano, Robert; Classroom Instruction That Works, (McREL); 2nd Edition, 2012 <.>

Tough, Paul; How Children Succeed, (Houghton, Mifflin, Harcourt) 2012

Tier:

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

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Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance. Schools: Eastlawn School	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn

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In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Summer Learning Opportunities to be provided at Eastlawn, and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities.</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			07/01/2015	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal, Bridget Hockemeyer: Plymouth Elementary Principal, Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

(shared) Strategy 8:

Homeless Students - Processes will be implemented and monitoring process developed to assure that homeless students will receive the support needed for academic SY 2016-2017

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success.

Category: English/Language Arts

Research Cited: Payne, Ruby K. A Framework for Understanding Poverty, 2005.

Tier:

Activity - Coordination Meeting	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<ul style="list-style-type: none"> The district homeless liaison and the Title 1 Administrator will meet twice annually for planned discussion of the needs and interventions for homeless students. More meetings will take place as seen as needed by the district liaison based on reports of principals. In the June meeting the methods for meeting needs will be selected and the documentation for the Consolidated Application will be completed. <p>Schools: All Schools</p>	Other			07/01/2015	06/30/2018	\$0	No Funding Required	District homeless liaison and the Title I administrator.

Status	Progress Notes	Created On	Created By
In Progress	17-18 Meeting Occurred on 6/12/17 (Kullick, Brutyn, IA Team)	June 14, 2017	Mr. Brian R Brutyn

Activity - Academic Interventions for Homeless Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Homeless students in non-Title 1 buildings identified by Homeless Liaison will be screened for academic need using assessment data, grades or other means decided at the building. Using Title I dollars the students will receive assistance comparable to the at-risk students in the Title buildings. In Title I buildings, all homeless students will be considered eligible for service.	Other			07/01/2015	06/30/2018	\$3475	Title I Part A	Homeless Liaison, Associate Superintendent CIA, Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment: Funds will continue to be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$8,000 transportation. (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$7938. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$6,000 transportation. Money to be increased according to Comprehensive Needs Assessment at amendment time	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: IA Update: Increase Homeless set-aside to \$8,254 per Comprehensive Needs Assessment. Split: \$1,254 academic services, \$7,000 transportation	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$4254. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,254 academic services, \$3,000 transportation). Money to be increased according to Comprehensive Needs Assessment at amendment time.	June 16, 2016	Mr. Brian R Brutyn

Activity - Non-Academic Interventions for Homeless Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
McKinney Vento Funds will be used for basic needs including clothing, food and fuel. Non-academic needs in all buildings will be considered by the principals of each building and funds will be met according to McKinney Vento guidelines. As these needs are detected, a call will be made by the building principal to the district homeless liaison to determine the intervention.	Other			07/01/2015	06/30/2018	\$11950	Other, Title I Part A	Homeless Liaison, Associate Superintendent CIA, Building Principals
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Funds will continue to be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$8,000 transportation. (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$7938. Funds will be utilized to provide interventions and transportation to homeless students in non-Title I buildings. Split: \$1,938 academic services, \$6,000 transportation. Money to be increased according to Comprehensive Needs Assessment at amendment time	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: IA Update: Increase Homeless set-aside to \$8,254 per Comprehensive Needs Assessment. Split: \$1,254 academic services, \$7,000 transportation	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Update: Utilizing Method #4: According to our pupil accounting manager, McKinney Vento funds allocated equaled \$4254. Funds will be utilized to provide Title I services (core intervention software) to homeless students in non-Title I buildings. Split: \$1,254 academic services, \$3,000 transportation). Money to be increased according to Comprehensive Needs Assessment at amendment time.	June 16, 2016	Mr. Brian R Brutyn

Goal 3: In order for all Midland Public Schools students to be college and career ready, they will be proficient in Social Studies

Measurable Objective 1:

66% of Fifth, Eighth and Eleventh grade students will demonstrate a proficiency level of 3 or 4 in Social Studies by 06/30/2018 as measured by the M-STEP/MME state assessments (85% by June 30, 2024).

(shared) Strategy 1:

Social Studies best practices will be exhibited at the elementary level - Elementary teachers will develop PYP units including Social Studies content, implement Social Studies-based reading and writing assignments based upon resources recently developed by MPS teachers, and use new activities and resources in Social Studies that were developed at the kindergarten level.

Category:
Research Cited: National Common Core State Standards, 2010.
What Works in Schools: Translating Research into Action, Marzano, 2003.
The Art and Science of Teaching (Writing to Learn), Marzano, 2007.
6+1 Traits of Writing, Education Northwest, 2013.
National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.
Tier:

Activity - Implementation: Elementary Social Studies Informational Reading Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
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Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development			07/01/2015	06/30/2018	\$40393	Title II Part A	Principals IB-PYP Coordinators Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food: \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes: \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Elementary Social Studies: implementation of new Kindergarten activities and resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
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Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location). Schools: Eastlawn School, Plymouth Elementary School	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn

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In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

Status	Progress Notes	Created On	Created By
Completed	Completed 2015	June 17, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
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Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core areas by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning			07/01/2015	06/30/2018	\$363385	Title II Part A, Other	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Parkdale Elementary School, Carpenter Elementary School, Chestnut Hill Elementary School, Siebert School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services
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Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Technology, Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs.	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn
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Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,04	June 16, 2016	Mr. Brian R Brutyn

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Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.</p> <p>Schools: Eastlawn School</p>	Other, Academic Support Program			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Social Studies best practices will be exhibited at the middle school level - Middle school Social Studies teachers will align curriculum with the CCSS and develop questions and assignments that prepare students to be college and career ready.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Trait Writing, Education Northwest, 2013.

Tier:

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Activity - Informational reading and writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

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Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

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Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Social Studies teachers will attend MACUL to enhance their educational technology skills.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Technology Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: Northeast Middle School, Jefferson Middle School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology , Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
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District Improvement Plan

Midland Public Schools

In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn
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Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

Social Studies best practices will be exhibited at the high school level - High school Social Studies teachers will align curriculum with the CCSS and develop questions and assessments that prepare students to be college and career ready. Additionally, district personnel and teachers will be updated on the College, Career, and Civic Life (C3) Framework, and high school students and staff will be trained in the RSVP program to increase student engagement at the high school level.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

District Improvement Plan

Midland Public Schools

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Traits of Writing, Education Northwest, 2013.

Tier:

Activity - Monitor and prepare for the College, Career and Civic Life (C3) Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$600	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Informational Reading and Writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: H.H. Dow High School, Midland High School								

District Improvement Plan

Midland Public Schools

Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: MPS Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention. Schools: H.H. Dow High School, Midland High School	Curriculum Development			07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
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Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: H.H. Dow High School, Midland High School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: H.H. Dow High School, Midland High School	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

Measurable Objective 2:

A 7% increase of Fifth, Eighth and Eleventh grade Black or African-American, Bottom 30%, Economically Disadvantaged, Hispanic or Latino, Students with Disabilities and Two or More Races students will demonstrate a proficiency level of 3 or 4 in Social Studies by 06/30/2018 as measured by the M-STEP/MME state assessments (85% by June 30, 2024).

(shared) Strategy 1:

Social Studies best practices will be exhibited at the elementary level - Elementary teachers will develop PYP units including Social Studies content, implement Social Studies-based reading and writing assignments based upon resources recently developed by MPS teachers, and use new activities and resources in Social Studies that were developed at the kindergarten level.

Category:

Research Cited: National Common Core State Standards, 2010.

What Works in Schools: Translating Research into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

6+1 Traits of Writing, Education Northwest, 2013.

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

Tier:

Activity - Implementation: Elementary Social Studies Informational Reading Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Title II Part A	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Elementary Social Studies: implementation of new Kindergarten activities and resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
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Status	Progress Notes	Created On	Created By
Completed	Completed 2015	June 17, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

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In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core areas by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning			07/01/2015	06/30/2018	\$363385	Other, Title II Part A	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
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Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Parkdale Elementary School, Carpenter Elementary School, Chestnut Hill Elementary School, Siebert School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

District Improvement Plan

Midland Public Schools

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Social Studies teachers will attend MACUL to enhance their educational technology skills.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA)</p> <p>Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs.	June 15, 2016	Mr. Brian R Brutyn
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,04	June 16, 2016	Mr. Brian R Brutyn

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.
Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance. Schools: Eastlawn School	Other, Academic Support Program			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

Status	Progress Notes	Created On	Created By
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District Improvement Plan

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In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff

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Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Social Studies best practices will be exhibited at the middle school level - Middle school Social Studies teachers will align curriculum with the CCSS and develop questions and assignments that prepare students to be college and career ready.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Trait Writing, Education Northwest, 2013.

Tier:

District Improvement Plan

Midland Public Schools

Activity - Informational reading and writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

District Improvement Plan

Midland Public Schools

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: Northeast Middle School, Jefferson Middle School	Technology Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals 1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days. Total: \$13,360	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: Northeast Middle School, Jefferson Middle School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology , Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
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District Improvement Plan

Midland Public Schools

In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn
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Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

District Improvement Plan

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

Social Studies best practices will be exhibited at the high school level - High school Social Studies teachers will align curriculum with the CCSS and develop questions and assessments that prepare students to be college and career ready. Additionally, district personnel and teachers will be updated on the College, Career, and Civic Life (C3) Framework, and high school students and staff will be trained in the RSVP program to increase student engagement at the high school level.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

District Improvement Plan

Midland Public Schools

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Traits of Writing, Education Northwest, 2013.

Tier:

Activity - Monitor and prepare for the College, Career and Civic Life (C3) Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$600	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Informational Reading and Writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: H.H. Dow High School, Midland High School								

District Improvement Plan

Midland Public Schools

Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: MPS Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention. Schools: H.H. Dow High School, Midland High School	Curriculum Development			07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
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Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: H.H. Dow High School, Midland High School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: H.H. Dow High School, Midland High School	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

Measurable Objective 3:

85% of Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency on common assessments in Social Studies by 06/30/2018 as measured by a score of at least 70%.

(shared) Strategy 1:

Social Studies best practices will be exhibited at the elementary level - Elementary teachers will develop PYP units including Social Studies content, implement Social Studies-based reading and writing assignments based upon resources recently developed by MPS teachers, and use new activities and resources in Social Studies that were developed at the kindergarten level.

Category:

Research Cited: National Common Core State Standards, 2010.

What Works in Schools: Translating Research into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

6+1 Traits of Writing, Education Northwest, 2013.

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

Tier:

Activity - Implementation: Elementary Social Studies Informational Reading Resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Title II Part A	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - Elementary Social Studies: implementation of new Kindergarten activities and resources	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	No Funding Required	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).</p> <p>Schools: Eastlawn School, Plymouth Elementary School</p>	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18: TIA Amendment: Funding for Summer 2018 Summer School Activities for students from Plymouth and Central Park Elementary: \$134,530 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
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Status	Progress Notes	Created On	Created By
Completed	Completed 2015	June 17, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title I Part A	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core areas by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	Other, Title II Part A	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Parkdale Elementary School, Carpenter Elementary School, Chestnut Hill Elementary School, Siebert School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

District Improvement Plan

Midland Public Schools

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Social Studies teachers will attend MACUL to enhance their educational technology skills.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA)</p> <p>Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn

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In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs.	June 15, 2016	Mr. Brian R Brutyn
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,04	June 16, 2016	Mr. Brian R Brutyn

Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.
Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance. Schools: Eastlawn School	Other, Academic Support Program			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			08/17/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff

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Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Social Studies best practices will be exhibited at the middle school level - Middle school Social Studies teachers will align curriculum with the CCSS and develop questions and assignments that prepare students to be college and career ready.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Trait Writing, Education Northwest, 2013.

Tier:

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Activity - Informational reading and writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

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Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

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Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: Northeast Middle School, Jefferson Middle School	Technology Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) 1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43) Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals 1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days. Total: \$13,360	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: Northeast Middle School, Jefferson Middle School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
Schools: All Schools								

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology , Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
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In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn
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Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency. Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

Social Studies best practices will be exhibited at the high school level - High school Social Studies teachers will align curriculum with the CCSS and develop questions and assessments that prepare students to be college and career ready. Additionally, district personnel and teachers will be updated on the College, Career, and Civic Life (C3) Framework, and high school students and staff will be trained in the RSVP program to increase student engagement at the high school level.

Category:

Research Cited: Common Core State Standards, 2010.

What Works in Schools: Translating Research Into Action, Marzano, 2003.

The Art and Science of Teaching (Writing to Learn), Marzano, 2007.

District Improvement Plan

Midland Public Schools

National Educational Technology Standards for Teachers (NETS-T), ISTE, 2012.

6+1 Traits of Writing, Education Northwest, 2013.

Tier:

Activity - Monitor and prepare for the College, Career and Civic Life (C3) Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$600	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Informational Reading and Writing assignments and strategies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$0	No Funding Required	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: H.H. Dow High School, Midland High School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: H.H. Dow High School, Midland High School								

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Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: MPS Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Social Studies teachers will attend MACUL to enhance their educational technology skills. Schools: H.H. Dow High School, Midland High School	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Economics Integration Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention. Schools: H.H. Dow High School, Midland High School	Curriculum Development			07/01/2015	06/30/2018	\$0	General Fund	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
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Activity - Attend MCSS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind. Schools: H.H. Dow High School, Midland High School	Professional Learning			11/04/2015	06/30/2018	\$5450	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for three (3) K-12 teachers to attend MCSS (social studies) annual conference. \$452 per teacher. Registration \$140 * 3 = \$420; Mileage, parking, food, hotel for 3 = \$936. Held in Clinton Twp, MI. March 23-24, 2018. \$1356 (IIA) Pay for three (3) guest teachers @\$117/day to cover classes of social studies teachers attending MCSS. (3 x 117 = 351).	December 28, 2017	Mr. Brian R Brutyn

District Improvement Plan

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In Progress	17-18: No plans to attend MCSS in 17-18. Consideration of attendance will be given for 18-19 if progress on C3 framework (at the state level) is evident.	June 15, 2017	Mr. Brian R Brutyn
In Progress	Funding for 16-17 Conference to be added at C/A Amendment time. 3147 out of IIA Anticipated Needs	June 15, 2016	Mr. Brian R Brutyn

Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: H.H. Dow High School, Midland High School	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

Goal 4: In order for all Midland Public Schools students to be college and career ready, they will be proficient in Science.

Measurable Objective 1:

55% of Fourth, Seventh and Eleventh grade students will demonstrate a proficiency on state science assessments in Science by 06/30/2018 as measured by M-STEP (85% proficiency by June, 2024).

(shared) Strategy 1:

Elementary Science Curriculum Alignment and Best Practices - Elementary science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and International Baccalaureate Primary Years Programme. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include transdisciplinary themes to align content and practices with the new standards and the International Baccalaureate Primary Years Programme. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:
Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano
"Framework for K-12 Science Education" National Research Council

"Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse
Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	General Fund	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
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Activity - Next Generation Science Standards Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Science teacher leaders representing various grade levels across the district will attend Next Generation Science Standards training at the state and regional level. These state/regional trainings will supplement what we are able to offer in district. Pending State Approval of Standards. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$0	Title II Part A	Coordinator of Secondary Instruction Elementary Curriculum Specialist K-12 Science Teacher Leaders

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location). Schools: Eastlawn School, Plymouth Elementary School	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer : Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
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District Improvement Plan

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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title I Part A	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	Other, Title II Part A	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program			07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

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Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.</p> <p>Schools: Eastlawn School</p>	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			07/01/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Middle School Alignment and Best Practices - Middle school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and Project Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of inquiry based science units that align content and practices with the Michigan Standards. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

District Improvement Plan

Midland Public Schools

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Hire an expert to assist, coach and mentor teachers. 3.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$263412	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Mi-STAR Participation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	Other	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - MST A	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

High School Science Curriculum Alignment and Best Practices - High school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education

and Inquiry Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include inquiry based learning to align content and practices with the new standards. Teachers will spend time analyzing test results with a focus on how to improve science knowledge for students in subgroups, such as Economically Disadvantaged, Students with Disabilities, African American, and Bottom 30%. In addition,

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teachers will continue to develop activities that align with the Common Core emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

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Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: All Schools	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Schools: H.H. Dow High School, Midland High School								

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn
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Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - IB Science Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$6824	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	16-17 Update: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Category 2 Training for Biology and Chemistry. (Two locations St. Pete Beach, FL. Dec 2016 and Miami FL October 2016) Cost per teacher = \$2090 Registration for 3 = \$2670 Hotel, flight, ground transportation, parking, mileage, meals for 3 = \$3600. Sub Costs: 10 contracted substitute teachers @ \$85/day to cover classes of science instructors attending IBDP training. 10 x \$85 = \$850	June 16, 2016	Mr. Brian R Brutyn

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In Progress	<p>Details for 15-16: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Cost per teacher = \$2105 3 Locations (Atlanta, Houston, Seattle). Registration: \$2,459. Hotel, meals, flight, parking, ground transportation, mileage = \$3855.</p> <p>Sub Costs: 6 contracted substitute teachers @\$85 / day (6 x \$85 = 510) to cover classes of science instructors attending IB DP training.</p>	December 28, 2015	Mr. Brian R Brutyn
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

Measurable Objective 2:

85% of Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency on common assessments in Science by 06/30/2018 as measured by a score of at least 70% .

(shared) Strategy 1:

Elementary Science Curriculum Alignment and Best Practices - Elementary science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and International Baccalaureate Primary Years Programme. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include transdisciplinary themes to align content and practices with the new standards and the International Baccalaureate Primary Years Programme. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano

"Framework for K-12 Science Education" National Research Council

"Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	General Fund	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
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Activity - Next Generation Science Standards Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Science teacher leaders representing various grade levels across the district will attend Next Generation Science Standards training at the state and regional level. These state/regional trainings will supplement what we are able to offer in district. Pending State Approval of Standards. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$0	Title II Part A	Coordinator of Secondary Instruction Elementary Curriculum Specialist K-12 Science Teacher Leaders

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location). Schools: Eastlawn School, Plymouth Elementary School	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer : Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title I Part A	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	Title II Part A, Other	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program			07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

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Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.</p> <p>Schools: Eastlawn School</p>	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			07/01/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Middle School Alignment and Best Practices - Middle school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and Project Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of inquiry based science units that align content and practices with the Michigan Standards. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

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Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Hire an expert to assist, coach and mentor teachers. 3.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$263412	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Mi-STAR Participation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	Other	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MST A (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MST A (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MST A (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MST A 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MST A (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professiona l Learning, Recruitmen t and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

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Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

High School Science Curriculum Alignment and Best Practices - High school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education

and Inquiry Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include inquiry based learning to align content and practices with the new standards. Teachers will spend time analyzing test results with a focus on how to improve science knowledge for students in subgroups, such as Economically Disadvantaged, Students with Disabilities, African American, and Bottom 30%. In addition,

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teachers will continue to develop activities that align with the Common Core emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

District Improvement Plan

Midland Public Schools

Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: All Schools	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist

District Improvement Plan

Midland Public Schools

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Schools: H.H. Dow High School, Midland High School								

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn
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Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - IB Science Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$6824	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	16-17 Update: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Category 2 Training for Biology and Chemistry. (Two locations St. Pete Beach, FL. Dec 2016 and Miami FL October 2016) Cost per teacher = \$2090 Registration for 3 = \$2670 Hotel, flight, ground transportation, parking, mileage, meals for 3 = \$3600. Sub Costs: 10 contracted substitute teachers @ \$85/day to cover classes of science instructors attending IBDP training. 10 x \$85 = \$850	June 16, 2016	Mr. Brian R Brutyn

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In Progress	<p>Details for 15-16: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Cost per teacher = \$2105 3 Locations (Atlanta, Houston, Seattle). Registration: \$2,459. Hotel, meals, flight, parking, ground transportation, mileage = \$3855.</p> <p>Sub Costs: 6 contracted substitute teachers @\$85 / day (6 x \$85 = 510) to cover classes of science instructors attending IB DP training.</p>	December 28, 2015	Mr. Brian R Brutyn
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Measurable Objective 3:

A 10% increase of Black or African-American, Bottom 30%, Economically Disadvantaged, Hispanic or Latino and Students with Disabilities students will demonstrate a proficiency by scoring a 3 or 4 in Science by 06/30/2018 as measured by M-STEP/MME test.

(shared) Strategy 1:

Elementary Science Curriculum Alignment and Best Practices - Elementary science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and International Baccalaureate Primary Years Programme. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include transdisciplinary themes to align content and practices with the new standards and the International Baccalaureate Primary Years Programme. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano

"Framework for K-12 Science Education" National Research Council

"Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	General Fund	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
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Activity - Next Generation Science Standards Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Science teacher leaders representing various grade levels across the district will attend Next Generation Science Standards training at the state and regional level. These state/regional trainings will supplement what we are able to offer in district. Pending State Approval of Standards. Schools: All Schools	Professional Learning			07/01/2015	06/30/2018	\$0	Title II Part A	Coordinator of Secondary Instruction Elementary Curriculum Specialist K-12 Science Teacher Leaders

Activity - Summer School/Extended Learning Opportunities	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location). Schools: Eastlawn School, Plymouth Elementary School	Academic Support Program			06/20/2016	06/30/2018	\$103652	Title I Part A	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	17-18: Plan to add funding at Consolidated Application Amendment Time for Central Park Elementary (November/December 2017).	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 TIA Amendment: Purchase supplemental intervention supplies and equipment (books, manipulatives, flashcards, etc.) for Special Education students to address needs identified through the M-STEP and SIP at Carpenter Elementary. \$6,000	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Carpenter to implement after school tutoring and mentoring sessions for at-risk students in the four core subject areas: \$18,852	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Funding for Summer 2017 Summer School Activities for students from Carpenter, Eastlawn, and Plymouth: \$111,076	January 06, 2017	Mr. Brian R Brutyn
N/A	Actual 15-16 funding amount to be determined by Title IA carryover in November.	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Add Professional Staff to Work with Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title I Part A	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

Status	Progress Notes	Created On	Created By
In Progress	17-18: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Plymouth and Central Park in the core four subject areas. \$375,714 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue to add professional staff to assist at-risk students at Plymouth, and Central Park in the Core four subject areas. \$229,399	June 15, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IA Amendment: Updated costs included: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$428,826 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue to add professional staff to assist at-risk students at Carpenter, Plymouth, and Eastlawn in the Core four subject areas. \$386,516 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Primary Years Programme Coordinators	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	Other, Title II Part A	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

Status	Progress Notes	Created On	Created By
In Progress	Level II and III Training Scheduled for Los Angeles for two coordinators in 2015-2016 School Year. \$3385 Budgeted in IIA	December 28, 2015	Mr. Brian R Brutyn

Activity - Primary Years Programme Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Title II Part A	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School								

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: Pay to train up to thirty-six (36) elementary teaching staff in PYP Category 3 Transdisciplinary Learning. The training will take place at Midland Public Schools' Administration Center on June 18-20, 2018. For registration (36 x \$600), \$21,600</p> <p>Pay to train up to twenty-three (23) new elementary teaching staff in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration (24 x \$550), \$12,650.</p> <p>Pay to train two (2) administrator in PYP Category 1 training. The training will take place at Midland Public Schools' Administration Center on March 7-9, 2018. For registration, \$1,100.</p> <p>Pay for nineteen (19) guest teachers @\$117/day to cover classes of teachers attending PYP Category 1 training on March 7 and 8. (19 teachers x 2 days x \$117 = \$4,446)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Amendment: Additions/Modifications: Pay to train 36 participants for IBO In-House PYP Inquiry Workshop in June, 2017. \$2500 per leader * 2 leaders = \$5000. \$550 per participant * 36 = \$19800. Pay registration, expenses and travel for Category 1 and 3 training in Detroit on February 4-6, 2017, for 2 teachers to implement PYP in the elementary building. Registration: \$789 x 2 = \$1578. Travel, Hotel, Food: \$952 Pay 2 contracted substitute teachers @ \$85/day to cover the classes of teachers attending Detroit PYP training for one full day. Bay City costs increased by \$208 to reflect actual costs.</p>	December 27, 2016	Mr. Brian R Brutyn

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In Progress	<p>PYP Training Details for 2016-2017:</p> <p>Chicago, Illinois: 4 Total Attendees (2 Coordinators, 1 Principal, 1 Teacher). Training Topics: Level 1 and 3: Exhibition and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Hotel, Food): \$7,185</p> <p>Bay City, MI: 25 Total Attendees (22 Teachers, 2 Principals, 1 Special Services Administrator). Training Topics: Level 1 and 3: Assessments and Making PYP Happen in the Classroom. Total Expenses (Travel, Registration, Substitutes): \$25,415</p> <p>Midland, MI: 36 Total Attendees (4 Coordinators, 32 Teachers). Training Topic: Level 3: Inquiry. Total Expenses (Presenter Fees, Registration): \$24,800</p>	June 16, 2016	Mr. Brian R Brutyn
In Progress	<p>PYP Training Details for 15-16: 8 New Teachers: Level I Training in Boston, MA (Estimated Cost: 17,360) 4 Principals + 1 Elementary Curriculum Specialist: Level II and III Training: 2 to New Orleans and 3 to Charleston South Carolina (Estimated Cost: \$8,308) 1 Preschool Teacher Level II Training: Los Angeles (Estimated Cost: \$2,655) 4 Auxiliary Teachers Level I and II Training: 1 to Boston, MA (World Language) and 3 to Minneapolis, MN (Estimated Cost: \$8970) PYP School Visit: 20 Teachers to established Michigan PYP School: (Estimated Cost: \$2540)</p>	December 28, 2015	Mr. Brian R Brutyn

Activity - ICT Release Bank	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Academic Support Program			07/01/2015	06/30/2018	\$13000	General Fund	Building Principals Coordinator of Elementary Instruction Director of Special Services

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model. Schools: All Schools	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

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Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.</p> <p>Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

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Activity - Work directly with families (Intervention Specialist)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.</p> <p>Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School</p>	Other			07/01/2015	06/30/2018	\$198570	Title I Part A	Supplemental social worker/family interventionist, building principal.

Status	Progress Notes	Created On	Created By
In Progress	TIA Amendment 17-18: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Plymouth and Central Park Elementary. \$182,517 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IA: Continue Family Intervention Specialist Services at Plymouth (.5 FTE) and Central Park Elementary (2.0 FTE). \$162,777 (including salaries, training, and supplies)	June 15, 2017	Mr. Brian R Brutyn
In Progress	TIA Amendment 16-17: Update Funding (Includes Training and Supplies) Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$193,611 IA	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Family Intervention Specialist Services at Eastlawn, Carpenter, and Plymouth Elementary. \$183,733 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - School Nurse	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.</p> <p>Schools: Eastlawn School</p>	Other			07/01/2015	06/30/2018	\$25000	Title I Part A	Shannon Blasy, principal School Family Interventionist and other support personnel

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IA: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$53,800 IA	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Continue nurse services at Central Park Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,400 IA	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue nurse services at Eastlawn Elementary to ensure physiological needs of at-risk students are met so academic achievement is not hindered. \$26,300 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Early Start for At-Risk K Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities. Schools: Eastlawn School, Carpenter Elementary School, Plymouth Elementary School	Academic Support Program			07/01/2015	06/30/2018	\$5625	Title I Part A	Building principals, kindergarten teachers.

Status	Progress Notes	Created On	Created By
In Progress	17-18: Continue Kindergarten Preview at Plymouth and Central Park: \$5,614 IA	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17: TIA Amendment: Total Funding updated for Kindergarten Preview at Carpenter, Eastlawn, and Plymouth to \$8,325	January 06, 2017	Mr. Brian R Brutyn
In Progress	16-17: Continue Kindergarten Preview at Carpenter, Eastlawn, and Plymouth: \$7,325 IA	June 17, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	17-18 IA Amendment: Add STEM supplies for Central Park and Plymouth Elementary to support STEM and PLTW supplemental learning opportunities. \$51,892 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn
N/A	16-17 TIA Amendment: Teacher Student Engagement Training provided by Dave Burgess (TLAP) for Eastlawn Staff in preparation for teaching expectations and PLTW units at Central Park Elementary in 2017-18. \$9,000	January 06, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan. Schools: Woodcrest Elementary School, Adams Elementary School, Eastlawn School, Carpenter Elementary School, Plymouth Elementary School, Chestnut Hill Elementary School, Siebert School	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	Other	All Technology, Administration, and Teaching Staff
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Personalized Instruction Coach (Title I)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Title I Part A	Central Park Administration
Schools: Eastlawn School, Carpenter Elementary School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18 Amendment: Actual Cost: \$152,926 (IA)	December 28, 2017	Mr. Brian R Brutyn

(shared) Strategy 2:

Middle School Alignment and Best Practices - Middle school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education and Project Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of inquiry based science units that align content and practices with the Michigan Standards. Teachers will spend time analyzing test results with a focus on how to improve Science knowledge for students in subgroups, such as Economically Disadvantaged, African American, Bottom 30%, and Students with Disabilities. In addition, teachers will continue to develop activities that align with the Michigan Standards emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

District Improvement Plan

Midland Public Schools

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Hire an expert to assist, coach and mentor teachers. 3.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$263412	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 15, 2016	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Technology and Media Curriculum Specialist

Status	Progress Notes	Created On	Created By
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District Improvement Plan

Midland Public Schools

In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Mi-STAR Participation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Curriculum Development			07/01/2015	06/30/2018	\$0	Other	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher. Schools: Northeast Middle School, Jefferson Middle School	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services
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Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016) Schools: Northeast Middle School, Jefferson Middle School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

Activity - Middle School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

Midland Public Schools

Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders
Schools: Northeast Middle School, Jefferson Middle School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn

Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Schools: Northeast Middle School, Jefferson Middle School								

District Improvement Plan

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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Title II Part A, General Fund	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School AdVance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: Northeast Middle School, Jefferson Middle School</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Midland Public Schools

<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administration and teaching staff as designated
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District Improvement Plan

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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

District Improvement Plan

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	Other	All Technology, Administration, and Teaching Staff
Schools: Northeast Middle School, Jefferson Middle School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions. Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. Schools: All Schools	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA). Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour (\$32.00 * 128 hours = \$4,096). Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour (\$32.00 * 228 hours = \$7,296). Supplies + Salaries: \$13,282 total	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043	June 16, 2016	Mr. Brian R Brutyn

District Improvement Plan

Midland Public Schools

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning			07/01/2015	06/30/2018	\$17070	Title II Part A	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

(shared) Strategy 3:

High School Science Curriculum Alignment and Best Practices - High school science teachers will be provided with opportunities to learn about the Framework for K-12 Science Education

and Inquiry Based Learning. This will be done through professional development activities, and release days. All teachers will be involved in the development of science units that include inquiry based learning to align content and practices with the new standards. Teachers will spend time analyzing test results with a focus on how to improve science knowledge for students in subgroups, such as Economically Disadvantaged, Students with Disabilities, African American, and Bottom 30%. In addition,

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teachers will continue to develop activities that align with the Common Core emphasizing informational reading, argumentative and informational writing while using technology to enhance learning.

Category:

Research Cited: "What Works in Schools: Translating Research into Action" by Robert Marzano "Framework for K-12 Science Education" National Research Council "Taking Science to School" by Richard A. Duschl, Heidi A. Schweingruber, and Andrew W. Shouse

Tier:

Activity - Framework for K-12 Science Education	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

Activity - Project Based Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy. Schools: H.H. Dow High School, Midland High School	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	General Fund	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders

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Activity - Virtual/Blended Learning Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator). Schools: All Schools	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$93800	Title II Part A	Chris Sabourin: Instructional Technology Specialist

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Smaller scale need determined by CNA process. Training fees for 2 teachers for 75 hours each on blended/online instructional strategies resulting in the development of a blended/online course. (75 hours each x. \$27.23 summer school rate, plus total benefits for two teachers of 2,000.18 resulting in a total cost of \$6,084.68. Training to be completed outside of school hours in a blended format. Course facilitator/leader: Instructional Technology & Media Specialist.	December 28, 2017	Mr. Brian R Brutyn
Completed	Participation numbers conclude that staff desiring the training have received it. No funding will be allocated to this activity in 17-18. If demand increases, consideration will be given in 18-19.	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment IIA: Increase Cohort Size to meet demand/need: Midland Public Schools: Training fees for 27 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs). \$74,812 Salaries - \$33,260 Benefits (\$108,072 Total)	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training fees for 15 teachers (100 hours each x. \$28/hour) on virtual and blended instructional strategies. Training to be completed outside of school hours. Content based on REMC BLIC model (customized to MPS needs) Total: \$60,728 (42,000 Salary, 18,728 Benefits)	June 16, 2016	Mr. Brian R Brutyn
N/A	Funding to be added during Consolidated Application Amendment (Carryover) (November 2015)	June 01, 2015	Mr. Brian R Brutyn

Activity - Attend MACUL	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind. Schools: All Schools	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Title II Part A	Chris Sabourin: Instructional Technology Specialist

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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment IIA: 3 teachers under instructional technology to attend MACUL 2018 in Detroit on March 20th -22nd @ \$ 831 each to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>1 Technology and Media Curriculum Specialist to attend MACUL 2018 in Detroit March 20th-22nd @ \$831 to include \$195 registration, \$350 hotel, \$50 parking, \$138 mileage and \$98 meals (2018 mileage rate @54.5 cents x 254 miles round trip = 138.43)</p> <p>Pay 3 contracted substitute teachers@ 107.29 full day at surge rate to cover the classes of teachers attending MACUL 2018 for 2 full days. \$644</p>	December 28, 2017	Mr. Brian R Brutyn
In Progress	<p>17-18: No IIA funds will be spent on MACUL in 17-18. General Funds will support 3 administrators and 1 BTIL teacher leader to attend the conference. Approximate cost of \$3,600.</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: 8 teachers under instructional technology to attend MACUL 2017 in Detroit on March 15th -17th @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>1 Technology and Media Curriculum Specialist and 3 other MPS administrators to attend MACUL 2017 in Detroit March 15th - 17th @ @ \$1000 each to include \$250 registration, \$400 hotel, \$58 parking, \$150 mileage and \$140 meals</p> <p>Pay 16 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MACUL 2017 for two full days.</p> <p>Total: \$13,360</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Attend MSTA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.</p> <p>Schools: All Schools</p>	Professional Learning			03/02/2016	06/30/2018	\$8575	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
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In Progress	<p>17-18: IIA (Fund at Amendment Time): Pay for six (6) K-12 teachers to attend MSTA (science) Annual Conference. \$ 428 per teacher. Registration \$170 x 6 = \$1020; Mileage, parking, food, hotel for 6 = \$1548 Held in Lansing March 2-3, 2018.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$428 per administrator. Registration \$170 x 2 = \$340; Mileage, parking, food, hotel for 2 = \$516. Held in Lansing March 2-3, 2018.</p> <p>Total: \$3,424</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17: IIA: Pay for nine (9) K-12 teachers to attend MSTA (science) Annual Conference. \$ 635 per teacher. Registration \$160 x 9 = \$1440; Mileage, parking, food, hotel for 9= \$4275. Held in Novi March 23-25, 2017.</p> <p>Pay 18 contracted substitute teachers @ \$85/day to cover the classes of teachers attending MSTA 2015 for two full days.</p> <p>Pay for two (2) curriculum administrators to attend MSTA (science) Annual Conference. \$965 per administrator. Registration \$160 x 2 = \$330; Mileage, parking, food, hotel for 2 = \$1610. Held in Novi March 23-25, 2017.</p> <p>Total: \$9,185</p>	June 16, 2016	Mr. Brian R Brutyn

Activity - Co-Teaching	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.</p> <p>Schools: H.H. Dow High School, Midland High School</p>	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	General Fund	6-12 Curriculum Specialist, Building Principals, Director of Special Services

Activity - Differentiated Instruction	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	General Fund	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Schools: H.H. Dow High School, Midland High School								

Activity - High School Content Development, Interventions, and Best Practices	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	Title II Part A	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers
Schools: H.H. Dow High School, Midland High School								

Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn

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In Progress	16-17: IIA: Pay for 2 webinars/coaching sessions from Marzano Research experts. \$1650 x 2 = \$3300. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning. 3rd Webinar may be added at amendment time based on the availability of funds and needs.	June 16, 2016	Mr. Brian R Brutyn
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Activity - Building Technology Instructional Leaders (BTIL)	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas. Schools: H.H. Dow High School, Midland High School	Technology Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	General Fund	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

Activity - IB Science Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices. Schools: H.H. Dow High School, Midland High School	Professional Learning			07/01/2015	06/30/2018	\$6824	Title II Part A	Penny Miller-Nelson, Coordinator of Secondary Instruction

Status	Progress Notes	Created On	Created By
In Progress	16-17 Update: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Category 2 Training for Biology and Chemistry. (Two locations St. Pete Beach, FL. Dec 2016 and Miami FL October 2016) Cost per teacher = \$2090 Registration for 3 = \$2670 Hotel, flight, ground transportation, parking, mileage, meals for 3 = \$3600. Sub Costs: 10 contracted substitute teachers @ \$85/day to cover classes of science instructors attending IBDP training. 10 x \$85 = \$850	June 16, 2016	Mr. Brian R Brutyn

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In Progress	<p>Details for 15-16: 3 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Science. Cost per teacher = \$2105 3 Locations (Atlanta, Houston, Seattle). Registration: \$2,459. Hotel, meals, flight, parking, ground transportation, mileage = \$3855.</p> <p>Sub Costs: 6 contracted substitute teachers @\$85 / day (6 x \$85 = 510) to cover classes of science instructors attending IB DP training.</p>	December 28, 2015	Mr. Brian R Brutyn
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Activity - 5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.</p> <p>Schools: All Schools</p>	Technology , Professional Learning			07/01/2015	06/30/2018	\$30150	General Fund, Title II Part A	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

Status	Progress Notes	Created On	Created By
In Progress	No external training planned for 17-18. Internal training on 5D+ dimensions Assessment for Student Learning and Curriculum and Pedagogy will occur in August. Rater Reliability training is tentatively scheduled for August 2018.	June 15, 2017	Mr. Brian R Brutyn
In Progress	16-17: IIA: Training for Administrators and Teacher Leaders on the Center for Educational Leadership's 5D+ teacher evaluation model. 31 Administrators and 14 Teacher Leaders. 2 full days of training at \$3,000 per day (flat fee regardless of number of participants). Total: \$6,000 Training for Administrators on the School ADvance evaluation model. Two day training session held in Midland. 31 Administrators x. \$220/person registration fee = Total: \$6,820	June 16, 2016	Mr. Brian R Brutyn

Activity - Marzano High Reliability Schools Framework	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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<p>Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.</p> <p>Schools: Northeast Middle School, H.H. Dow High School, Midland High School, Jefferson Middle School</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Title II Part A	<p>Penny Miller-Nelson: Coordinator of Secondary Instruction</p> <p>Steve Poole: Principal of HH Dow High School</p> <p>Dirk DeBoer: Principal of Northeast Middle School</p> <p>Ted Davis: Jefferson Middle School</p> <p>Jeff Jaster: Midland High School</p>
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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Pay for 1 webinars/coaching sessions from Marzano Research experts. \$1700. Participants will include 16 teachers and 9 administrators. Participants will be coached on facilitation of curriculum review and revision process and implementation of strategies to improve teaching and learning.	December 28, 2017	Mr. Brian R Brutyn
In Progress	17-18: Funding to support NE team to travel to HRS Conference in Dallas, TX. \$6,080 IIA (Level 2 attained at Northeast, Level I status at HH Dow remains, Level I pending at Jefferson)	June 14, 2017	Mr. Brian R Brutyn

Activity - Implementation of STEM Strategic Plan	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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District Improvement Plan

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<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include: Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms 1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling 2nd Grade: Materials Science: Properties of Matter: Materials</p> <p>SY 2016-2017</p>	<p>Other, Extra Curricular, Curriculum Developme nt, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention</p>			07/01/2016	06/30/2019	\$3000000	Other	All Core Administrators and teaching staff as designated
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<p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum <p>o Including the following courses:</p> <p>Design and Modeling</p> <p>Automation and Robotics</p> <p>Introduction to Computer Science I & II</p> <p>Medical Detectives</p> <p>Science of Technology</p> <ul style="list-style-type: none">• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University <p>o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation</p> <ul style="list-style-type: none">• Embed technology enabled instruction and interventions <p>o 1:1 student devices by the 2015-2016 school year</p> <ul style="list-style-type: none">• Expand co-curricular activities related to STEM <p>o FIRST Tech Challenge Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>								
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SY 2016-2017

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<p>Community Center and additional community partners</p> <p>Core High School Components:</p> <ul style="list-style-type: none"> • Integrate Project Lead the Way Programs <ul style="list-style-type: none"> o Biomedical Science o Computer Science o Engineering • Increase STEM related co-op opportunities utilizing corporate partnerships • Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction) • Continue staff training on project based learning initiatives • Embed technology enabled instruction and interventions <ul style="list-style-type: none"> o 1:1 student devices by the 2016-2017 school year • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o FIRST Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Schools: All Schools</p>								
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Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Focus:</p> <ul style="list-style-type: none"> * Central Park Elementary Opens with full PLTW Launch Curriculum implementation * Adams, Chestnut Hill, Plymouth, Siebert, and Woodcrest train on PLTW Launch Curriculum in Winter/Spring * 1:1 Devices rolled-out at Elementary completing system wide device deployment * Major Change Proposal in November 2017 to implement PLTW courses at the Middle School and High School Level * Equipment procurement related to MCP course changes in Spring 2018. * Applicable Middle and High School Staff train in the summer of 2018 for course deployment in Fall of 2018. 	June 15, 2017	Mr. Brian R Brutyn

Activity - 1:1 Technology Implementation	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	Other	All Technology, Administration, and Teaching Staff
Schools: H.H. Dow High School, Midland High School								

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Update: Middle and High School Device Implementation Complete in 15-16 and 16-17. Elementary roll-out planned for September 2017.	June 15, 2017	Mr. Brian R Brutyn

Activity - Illuminate DnA	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions Schools: All Schools	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	General Fund	All Technology, Administration, and Teaching Staff

Activity - Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices. Schools: All Schools	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Title II Part A	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Status	Progress Notes	Created On	Created By
In Progress	17-18 Amendment IIA: Actual Cost \$273,596 (IIA)	December 28, 2017	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 14, 2017	Mr. Brian R Brutyn
In Progress	16-17 Amendment: Actual Cost \$229,447	December 27, 2016	Mr. Brian R Brutyn
In Progress	16-17 Funding: \$275,642 from IIA for 2.0 coaches	June 16, 2016	Mr. Brian R Brutyn

Activity - New Teacher Core Subject Training	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
<p>Professional development will be provided for newly hired, non-tenure teachers. Teachers will received training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom</p> <p>Schools: All Schools</p>	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Title II Part A	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

Status	Progress Notes	Created On	Created By
In Progress	<p>17-18 Amendment (IIA): Pay teachers for new teacher training for newly-hired (non-tenure) teachers (1st and 2nd year) (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 57 teachers @ 390 Total Hours. Average of 6.8 hours each @ approximately \$31/hr. avg (salary + benefits). \$12,140 (IIA).</p> <p>Supplies (Instructional Strategy Texts, Markers, Pens, Pencils, Paper, Easel Paper) to train up to 57 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. \$1995 (IIA)</p>	December 28, 2017	Mr. Brian R Brutyn

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In Progress	<p>17-18: IIA Funding: Pay teachers for new teacher training for newly-hired (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 16 teachers. Teachers: Four (4) two-hour sessions paid at \$30.23/hour ($\\$32.00 * 128 \text{ hours} = \\$4,096$).</p> <p>Pay teachers for new teacher training for second year (non-tenure) teachers (K-12) in the Core 4 areas in addition to State of Michigan requirements and required activities for new teachers. Total 38 teachers. Teachers: Three (3) two-hour sessions paid at \$32.00/hour ($\\$32.00 * 228 \text{ hours} = \\$7,296$).</p> <p>Supplies + Salaries: \$13,282 total</p>	June 15, 2017	Mr. Brian R Brutyn
In Progress	<p>16-17 Update: Release days to train up to 46 newly-hired (non-tenure) teachers (K-12) in the Core 4 areas. Training provided by highly-qualified Teacher Leaders or Administrators. Two (2) half-days (release days) per new teacher = 92 half-days. Three (3) half-days per teacher leader = Forty-two (42) total half-days for teacher leaders. Total: Sixty-seven full days (134 half-days): IIA: \$16,043</p>	June 16, 2016	Mr. Brian R Brutyn

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Other

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <ul style="list-style-type: none"> o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$2691300	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <ul style="list-style-type: none"> o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

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Mi-STAR Participation	Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.	Curriculum Development			07/01/2015	06/30/2018	\$0	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$360000	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience.</p> <p>Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions</p> <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <ul style="list-style-type: none"> o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

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District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$360000	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$360000	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Non-Academic Interventions for Homeless Students	McKinney Vento Funds will be used for basic needs including clothing, food and fuel. Non-academic needs in all buildings will be considered by the principals of each building and funds will be met according to McKinney Vento guidelines. As these needs are detected, a call will be made by the building principal to the district homeless liaison to determine the intervention.	Other			07/01/2015	06/30/2018	\$3475	Homeless Liaison, Associate Superintendent CIA, Building Principals
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience.</p> <p>Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions</p> <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017 1:1 devices in all elementary schools by the 2018-2019 school year. o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$360000	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Economics Integration Training	Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development			07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
Monitor and prepare for the College, Career and Civic Life (C3) Framework	District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies.	Professional Learning			07/01/2015	06/30/2018	\$600	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

MPS Middle School Math Common Assessment Implementation	The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results.	Direct Instruction			07/01/2015	06/30/2018	\$800	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers
Online Learning	Provide professional development in the construction of courses to be delivered in a 100% online learning format.	Technology, Professional Learning			07/01/2015	06/30/2018	\$8500	Technology and Media Curriculum Specialist - Chris Sabourin
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

District Improvement Plan

Midland Public Schools

Research to Build Knowledge	Teachers will participate in professional development to learn and review strategies for teaching research skills. Teachers will become familiar with instruction that addresses short as well as sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. Teachers will become familiar with multiple print and digital sources of information and how to assess the credibility and accuracy of different sources.	Professional Learning			07/01/2015	06/30/2018	\$1200	Lou Ann Bensinger, Instructional Specialist; Scott Cochran, Instructional Specialist; Penny Miller-Nelson, Instructional Specialist; Chris Sabourin, Coordinator; Instructional Technology; Jenny Lenon, Learning Coach Teacher Leaders
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Using Mobile Devices in the Secondary Classroom	Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom.	Technology, Professional Learning			07/01/2015	06/30/2018	\$10000	Chris Sabourin - Technology and Media Curriculum Specialist
Resource Room ELA Curriculum Alignment	Teachers will identify a scope and sequence of content and strategies to enhance ELA resource room instruction. The focus is on increasing students overall skills and abilities.	Curriculum Development			07/01/2015	06/30/2018	\$8401	Mary Laures
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

District Improvement Plan

Midland Public Schools

Grade Level Meetings	Teachers, building administrators and intervention coaches will meet three times during the year to review grade level progress on district assessments. Benchmarks and expected outcome will be established during these meetings.	Academic Support Program			07/01/2015	06/30/2018	\$10267	Building Principals Elementary Instructional Specialist Director of Special Services
Project Based Learning Training	Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology			06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

District Improvement Plan

Midland Public Schools

Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Common Core State Standards in Elementary Math Curriculum	The elementary Math PD committee will continue to adjust and fine tune changes to the curriculum to reflect the CCSS and the mathematical practices, take feedback from the teaching staff, and implement changes in the district assessment to reflect the changes in the curriculum.	Professional Learning			07/01/2015	06/30/2018	\$27000	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

District Improvement Plan

Midland Public Schools

Co-Taught ELA Classrooms	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			07/01/2015	06/30/2018	\$0	Building Principals Curriculum Specialists Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom.	Professional Learning			07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

District Improvement Plan

Midland Public Schools

HS Course Path Development and Transitions	The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.	Curriculum Development			07/01/2015	06/30/2018	\$200	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers
Common Core Training (ELA)	Teachers will participate in professional development at the building level and/or district level and/or state level to learn strategies for teaching reading and writing. Teachers will review student data and student work to guide their learning.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Building Principals Teacher Leaders

District Improvement Plan

Midland Public Schools

Train Teachers in Effective Practices	Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$11000	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

Train Administrators: Effective Practices	Administrators will be trained for administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected administrators (Dow High School, and Midland High School) will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Administrators will attend state and national conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$12000	Brian Brutyn: Assoc. Supt. for Curriculum Lou Ann Bensinger and Penny Miller Nelson, Scott Cochran: Instructional Specialists Chris Sabourin: Instructional Specialist for Technology Mary Laures: Dir. of Special Ed. Building Principals
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$1000	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders

District Improvement Plan

Midland Public Schools

Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			07/01/2015	06/30/2018	\$300000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

District Improvement Plan

Midland Public Schools

Elementary Math Content Development, Interventions, and Best Practices	Time will be provided to work with colleagues at the same grade level to develop materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the CCSS. Emphasis will be placed on imbedding the CCSS Math Practices in all mathematics instruction and courses. Teachers will be involved in exploring the IB PYP program as it pertains to the MPS math curriculum. Time will also be devoted to Focus School achievement gaps and strategies for narrowing those gaps and the use of technology with students in mathematics instruction. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$800	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee, School Improvement Building Teams
High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$800	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services

District Improvement Plan

Midland Public Schools

Project Based Learning Training	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			09/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

District Improvement Plan

Midland Public Schools

ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning			07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Co-Taught Instruction	To increase students with IEPs performance on district and state wide assessments the school district will offer inclusion or co-taught math classrooms to the extent possible in all grade levels.	Academic Support Program			09/01/2015	06/30/2018	\$30000	Building Principals, K-5 Curriculum Specialist, Director of Special Services
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$12150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Coordination Meeting	<ul style="list-style-type: none"> The district homeless liaison and the Title 1 Administrator will meet twice annually for planned discussion of the needs and interventions for homeless students. More meetings will take place as seen as needed by the district liaison based on reports of principals. In the June meeting the methods for meeting needs will be selected and the documentation for the Consolidated Application will be completed. 	Other			07/01/2015	06/30/2018	\$0	District homeless liaison and the Title I administrator.

District Improvement Plan

Midland Public Schools

Informational Reading and Writing assignments and strategies	High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP.	Professional Learning			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers.
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Informational reading and writing assignments and strategies	Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.	Curriculum Development			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers

Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
Virtual/Blended Learning Training	25 teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			07/01/2015	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist

District Improvement Plan

Midland Public Schools

High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers
Train Teachers in Effective Practices	Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$19426	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders

District Improvement Plan

Midland Public Schools

5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinators, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Virtual/Blended Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			03/01/2016	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	07/30/2015	\$4975	Penny Miller-Nelson, Coordinator of Secondary Instruction

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology, Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
IB Science Training	High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices.	Professional Learning			07/01/2015	06/30/2018	\$6824	Penny Miller-Nelson, Coordinator of Secondary Instruction

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5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Next Generation Science Standards Training	Science teacher leaders representing various grade levels across the district will attend Next Generation Science Standards training at the state and regional level. These state/regional trainings will supplement what we are able to offer in district. Pending State Approval of Standards.	Professional Learning			07/01/2015	06/30/2018	\$0	Coordinator of Secondary Instruction Elementary Curriculum Specialist K-12 Science Teacher Leaders
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS ELA teachers
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$3385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

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5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$3385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

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Attend MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core areas by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinators, Elementary Building Principals

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

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Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	06/30/2018	\$4975	Penny Miller-Nelson, Coordinator of Secondary Instruction
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

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Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	07/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$3385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers
MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	06/30/2018	\$4975	Penny Miller - Nelson, Coordinator of Secondary Instruction
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Virtual/Blended Learning Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			07/01/2015	06/30/2018	\$93800	Chris Sabourin: MPS Instructional Technology Specialist

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Train Administrators: Effective Practices	Administrators will be trained for administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected administrators (Dow High School, and Midland High School) will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Administrators will attend state and national conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$2324	Brian Brutyn: Assoc. Supt. for Curriculum Lou Ann Bensinger and Penny Miller Nelson, Scott Cochran: Instructional Specialists Chris Sabourin: Instructional Specialist for Technology Mary Laures: Dir. of Special Ed. Building Principals
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist

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Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment t Cynthia Marchese, Director of Human Resources Building Administrators

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School ELA Teachers, Teacher Leaders
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers
Attend MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Penny Miller-Nelson, Coordinator of Secondary Instruction
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist

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5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology , Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	08/31/2015	06/30/2018	\$266000	Lou Ann Bensinger, MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, MPS Coordinator of Secondary Instruction
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinators Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

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Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 3.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices	Professional Learning		Implement	07/01/2015	06/30/2018	\$263412	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$18000	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
Virtual/Blended Learning Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
IBDP Math Training	2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522.	Professional Learning			02/01/2016	06/30/2018	\$2522	Penny Miller-Nelson, Coordinator of Secondary Instruction

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Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member who plans to attend will register and have a specific goal for learning in mind.	Technology, Professional Learning			03/17/2016	06/30/2018	\$7270	Chris Sabourin, Technology and Media Curriculum Specialist
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
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Title I Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Interventionist and other support personnel

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Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer : Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
Personalized Instruction Coach (Title I)	The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers. Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans. Provide training of best practice intervention/strategies to all staff including title support staff. The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc. The coach builds and maintains confidential relationships with teachers.	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Central Park Administration

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Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers.</p> <p>Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration
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Train Teachers in Effective Practices	Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$1960	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders
NWEA Assessments	Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Jeff Lauer, Carpenter Elementary Principal
Add Professional Staff to Work with Students	Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Academic Interventions for Homeless Students	Homeless students in non-Title 1 buildings identified by Homeless Liaison will be screened for academic need using assessment data, grades or other means decided at the building. Using Title I dollars the students will receive assistance comparable to the at-risk students in the Title buildings. In Title I buildings, all homeless students will be considered eligible for service.	Other			07/01/2015	06/30/2018	\$3475	Homeless Liaison, Associate Superintendent CIA, Building Principals
Consolidated Application Workshops	Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated.	Professional Learning			07/01/2015	06/30/2018	\$4002	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
NWEA Assessments	Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Jeff Lauer, Carpenter Elementary Principal

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Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Personalized Instruction Coach (Title I)	The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers. Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans. Provide training of best practice intervention/strategies to all staff including title support staff. The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc. The coach builds and maintains confidential relationships with teachers.	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration

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School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other, Academic Support Program			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Intervention ist and other support personnel
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			07/01/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Positive Behavior Supports	In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPS process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement.	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Principal, Classroom Teachers
School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Intervention ist and other support personnel
Computation, Number Sense, and Problem Solving (Dreambox)	Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment.	Academic Support Program			09/01/2015	06/30/2018	\$21000	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

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School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Intervention ist and other support personnel
Non-Academic Interventions for Homeless Students	McKinney Vento Funds will be used for basic needs including clothing, food and fuel. Non-academic needs in all buildings will be considered by the principals of each building and funds will be met according to McKinney Vento guidelines. As these needs are detected, a call will be made by the building principal to the district homeless liaison to determine the intervention.	Other			07/01/2015	06/30/2018	\$8475	Homeless Liaison, Associate Superintendent CIA, Building Principals
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.

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Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Summer School/Extended Learning Opportunities	Summer Learning Opportunities to be provided at Eastlawn, and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities.	Academic Support Program			07/01/2015	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal, Bridget Hockemeyer: Plymouth Elementary Principal, Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.

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Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Personalized Instruction Coach (Title I)	The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers. Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans. Provide training of best practice intervention/strategies to all staff including title support staff. The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc. The coach builds and maintains confidential relationships with teachers.	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration

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Train added professional staff to work in Core Areas to Support Achievement	Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas.	Professional Learning			07/01/2015	06/30/2018	\$5000	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction
Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

Activity Summary by School

Below is a breakdown of activity by school.

All Schools

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	08/31/2015	06/30/2018	\$266000	Lou Ann Bensinger, MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, MPS Coordinator of Secondary Instruction

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Train Administrators: Effective Practices	Administrators will be trained for administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected administrators (Dow High School, and Midland High School) will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Administrators will attend state and national conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$14324	Brian Brutyn: Assoc. Supt. for Curriculum Lou Ann Bensinger and Penny Miller Nelson, Scott Cochran: Instructional Specialists Chris Sabourin: Instructional Specialist for Technology Mary Laures: Dir. of Special Ed. Building Principals
Co-Taught ELA Classrooms	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			07/01/2015	06/30/2018	\$0	Building Principals Curriculum Specialists Director of Special Services
Common Core Training (ELA)	Teachers will participate in professional development at the building level and/or district level and/or state level to learn strategies for teaching reading and writing. Teachers will review student data and student work to guide their learning.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Building Principals Teacher Leaders

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Common Core State Standards in Elementary Math Curriculum	The elementary Math PD committee will continue to adjust and fine tune changes to the curriculum to reflect the CCSS and the mathematical practices, take feedback from the teaching staff, and implement changes in the district assessment to reflect the changes in the curriculum.	Professional Learning			07/01/2015	06/30/2018	\$27000	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee
Elementary Math Content Development, Interventions, and Best Practices	Time will be provided to work with colleagues at the same grade level to develop materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the CCSS. Emphasis will be placed on imbedding the CCSS Math Practices in all mathematics instruction and courses. Teachers will be involved in exploring the IB PYP program as it pertains to the MPS math curriculum. Time will also be devoted to Focus School achievement gaps and strategies for narrowing those gaps and the use of technology with students in mathematics instruction. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$800	K-5 Curriculum Specialist, K-5 Teacher Leaders, Elementary Mathematics PD Committee, School Improvement Building Teams
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member who plans to attend will register and have a specific goal for learning in mind.	Technology, Professional Learning			03/17/2016	06/30/2018	\$7270	Chris Sabourin, Technology and Media Curriculum Specialist
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning			07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Co-Taught Instruction	To increase students with IEPs performance on district and state wide assessments the school district will offer inclusion or co-taught math classrooms to the extent possible in all grade levels.	Academic Support Program			09/01/2015	06/30/2018	\$30000	Building Principals, K-5 Curriculum Specialist, Director of Special Services
Train Teachers in Effective Practices	Teachers, who have not been trained, will be trained in administering reading assessments, writing assessments and universal screening. They will also be trained in research based interventions as indicated by data analysis for grades K-12. Depending on the needs assessment of each building, the priorities of the district, and finding selected teachers (Dow High School, and Midland High School will continue last year's training in Marzano's Art and Science of Teaching with more in-depth training. Teachers will train within the district for targeted content areas and instructional strategies. Selected teachers and teacher leaders will attend state and national subject area conferences to learn about areas identified as needs in the academic core content areas and best practice. (MRA, IB)	Professional Learning			07/01/2015	06/30/2018	\$32386	Brian Brutyn, Assoc. Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist Scott Cochran, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Chris Sabourin, Coordinator for Instructional Technology Teacher Leaders
Next Generation Science Standards Training	Science teacher leaders representing various grade levels across the district will attend Next Generation Science Standards training at the state and regional level. These state/regional trainings will supplement what we are able to offer in district. Pending State Approval of Standards.	Professional Learning			07/01/2015	06/30/2018	\$0	Coordinator of Secondary Instruction Elementary Curriculum Specialist K-12 Science Teacher Leaders

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Virtual/Blended Learning Training	25 teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			07/01/2015	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 3.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices	Professional Learning		Implement	07/01/2015	06/30/2018	\$263412	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction

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Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	07/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin: Technology and Media Curriculum Specialist
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MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	06/30/2018	\$4975	Penny Miller - Nelson, Coordinator of Secondary Instruction
MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	07/30/2015	\$4975	Penny Miller - Nelson, Coordinator of Secondary Instruction
MCTM Conference	MPS Mathematics teachers will attend the MCTM Conference. Attendees will distribute and discuss conference information upon return. Each staff member that plans to attend will register and have a specific learning goal in mind.	Professional Learning			07/28/2015	06/30/2018	\$4975	Penny Miller - Nelson, Coordinator of Secondary Instruction
Attend MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction
Virtual/Blended Learning Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
Attend MACUL	Technology and Media Curriculum Specialist will distribute and discuss conference information. Each staff member that plans to attend will register and have a specific learning goal in mind.	Technology, Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist
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Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core areas by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller-Nelson: MPS Coordinator of Secondary Instruction
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators
5D+ Teacher Evaluation and School ADvance Administrator Evaluation Implementation	Administrators will be trained to implement the Center for Educational Leadership's 5D+ teacher evaluation model. 6 full days of training are necessary. Building administrators will train teaching staff throughout the year on technological and pedagogical components of the system. The implementation of the system is aimed to enhance student learning through productive administrative/teacher evaluation practices. Administrators will be trained on the School ADvance Administrative Evaluation model.	Technology, Professional Learning			07/01/2015	06/30/2018	\$30150	Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment Cynthia Marchese, Director of Human Resources Building Administrators

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
Coordination Meeting	<ul style="list-style-type: none"> The district homeless liaison and the Title 1 Administrator will meet twice annually for planned discussion of the needs and interventions for homeless students. More meetings will take place as seen as needed by the district liaison based on reports of principals. In the June meeting the methods for meeting needs will be selected and the documentation for the Consolidated Application will be completed. 	Other			07/01/2015	06/30/2018	\$0	District homeless liaison and the Title I administrator.
Academic Interventions for Homeless Students	Homeless students in non-Title 1 buildings identified by Homeless Liaison will be screened for academic need using assessment data, grades or other means decided at the building. Using Title I dollars the students will receive assistance comparable to the at-risk students in the Title buildings. In Title I buildings, all homeless students will be considered eligible for service.	Other			07/01/2015	06/30/2018	\$3475	Homeless Liaison, Associate Superintendent CIA, Building Principals
Non-Academic Interventions for Homeless Students	McKinney Vento Funds will be used for basic needs including clothing, food and fuel. Non-academic needs in all buildings will be considered by the principals of each building and funds will be met according to McKinney Vento guidelines. As these needs are detected, a call will be made by the building principal to the district homeless liaison to determine the intervention.	Other			07/01/2015	06/30/2018	\$11950	Homeless Liaison, Associate Superintendent CIA, Building Principals

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Research to Build Knowledge	Teachers will participate in professional development to learn and review strategies for teaching research skills. Teachers will become familiar with instruction that addresses short as well as sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. Teachers will become familiar with multiple print and digital sources of information and how to assess the credibility and accuracy of different sources.	Professional Learning			07/01/2015	06/30/2018	\$1200	Lou Ann Bensinger, Instructional Specialist; Scott Cochran, Instructional Specialist; Penny Miller-Nelson, Instructional Specialist; Chris Sabourin, Coordinator; Instructional Technology; Jenny Lenon, Learning Coach Teacher Leaders
Grade Level Meetings	Teachers, building administrators and intervention coaches will meet three times during the year to review grade level progress on district assessments. Benchmarks and expected outcome will be established during these meetings.	Academic Support Program			07/01/2015	06/30/2018	\$10267	Building Principals Elementary Instructional Specialist Director of Special Services

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Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions 1:1 devices in the STEM Elementary in the Fall of 2017 1:1 devices in all elementary schools by the 2018-2019 school year. o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <ul style="list-style-type: none"> o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience.</p> <p>Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions</p> <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience.</p> <p>Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions</p> <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

Implementation of STEM Strategic Plan	<p>M.P.S. STEM Strategic Plan Narrative The core of the plan includes all M.P.S. schools partnering with four exterior entities in evolving reciprocal partnerships.</p> <p>#1: Great Lakes Bay Region STEM Networks Partnerships with the four STEM networks located at Central Michigan University, Delta College, Saginaw Valley State University, and Mid-Michigan Community College will organically grow once the networks develop recommendations based on the G.L.B.R. STEM Study. Current work on 5th and 8th grade mathematics research includes several M.P.S. educators.</p> <p>#2: Post-Secondary Partners Interest in partnering with M.P.S. to implement our STEM Strategic Plan has already been expressed by Saginaw Valley State University, Michigan State University, Central Michigan University, and the University of Michigan. Intended partnerships include teacher practicum placements, student programmatic initiatives, training opportunities, and research partnerships.</p> <p>#3: Business Community Natural partnerships already exist with many local businesses with plans to expand them to enhance the various facets of the STEM Strategic Plan. Components include the expansion of student cooperative opportunities, medical internships, in-school volunteers, and coordinated after school programs.</p> <p>#4: MSU STEM Center for Excellence The training opportunities that are envisioned to exist at the MSU STEM Center for excellence are a natural fit for all levels of M.P.S. educators. In addition, the STEM Elementary school has the potential to be a practicum partner to team with educators trained at the MSU STEM Center for Excellence from across the region and nation. The design of the school includes components to easily facilitate observers and hands-on research activities.</p> <p>Utilizing the reciprocal partnerships described above, the Elementary, Middle, and High Schools within M.P.S. will embed the following components over the next four years:</p> <p>Core Elementary School Components: Build a STEM Elementary School that embraces</p>	Other, Extra Curricular, Curriculum Development, Academic Support Program, Parent Involvement, Supplemental Materials, Professional Learning, Recruitment and Retention			07/01/2016	06/30/2019	\$3000000	All Core Administration and teaching staff as designated
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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <p>o The building will be custom designed to facilitate the curriculum and be a 'learning tool.'</p> <p>o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience.</p> <p>Including the highly successful Community Schools Model</p> <p>o Embed technology enabled instruction and interventions</p> <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <p>o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions.</p> <ul style="list-style-type: none">• Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools.• Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work.• Expand co-curricular activities related to STEM <p>o Lego League Robotics</p> <p>o Summer and after school programs with the Greater Midland Community Center and additional community partners</p>							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

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District Improvement Plan

Midland Public Schools

	<p>Build a STEM Elementary School that embraces the full Project Lead the Way Launch Curriculum Modules Include:</p> <p>Kindergarten: Structure and Function: Exploring Design; Pushes and Pulls; Structure and Function: Human Body; Animals and Algorithms</p> <p>1st Grade: Light and Sound; Light: Observing the Sun, Moon, and Stars; Animal Adaptations; Animates Storytelling</p> <p>2nd Grade: Materials Science: Properties of Matter; Materials Science: Form and Function; The Changing Earth; Grids and Games</p> <p>3rd Grade: Stability of Motion: Science of Flight; Stability of Motion: Forces and Interactions; Variation of Traits; Programming Patterns</p> <p>4th Grade: Energy: Collisions; Energy: Conversion; Input/Output: Computer Systems; Input/Output: Human Brain</p> <p>5th Grade: Robotics and Automation; Robotics and Automation: Challenge; Infection: Detection; Infection: Modeling and Simulation</p> <ul style="list-style-type: none"> o The building will be custom designed to facilitate the curriculum and be a 'learning tool.' o Embed reciprocal partnerships with all four entities described above to immerse students in the STEM experience. <p>Including the highly successful Community Schools Model</p> <ul style="list-style-type: none"> o Embed technology enabled instruction and interventions <p>1:1 devices in the STEM Elementary in the Fall of 2017</p> <p>1:1 devices in all elementary schools by the 2018-2019 school year.</p> <ul style="list-style-type: none"> o Utilize the building/staff as a practicum partner for local training agencies and post-secondary institutions. • Utilize the training and expertise of the educators at the M.P.S. STEM Elementary to incubate the spread of the Project Lead the Way Launch Curriculum and technology enabled instruction and interventions into all M.P.S. Elementary schools. • Utilize the design of the STEM Elementary to guide future capital improvement designs within M.P.S. (Elementary, Middle School, and High Schools) throughout future bond work. • Expand co-curricular activities related to STEM <ul style="list-style-type: none"> o Lego League Robotics o Summer and after school programs with the Greater Midland Community Center and additional community partners 							
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District Improvement Plan

Midland Public Schools

	<p>community partners</p> <p>Core Middle School Components:</p> <ul style="list-style-type: none">• Integrate the Project Lead the Way Gateway Curriculum<ul style="list-style-type: none">o Including the following courses:<ul style="list-style-type: none">Design and ModelingAutomation and RoboticsIntroduction to Computer Science I & IIMedical DetectivesScience of Technology• Integrate MI-STAR Project Based Science Curriculum in partnership with Michigan Technological University<ul style="list-style-type: none">o This work is due to the generosity of the Herbert H. and Grace A. Dow Foundation• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2015-2016 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Tech Challenge Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners <p>Core High School Components:</p> <ul style="list-style-type: none">• Integrate Project Lead the Way Programs<ul style="list-style-type: none">o Biomedical Scienceo Computer Scienceo Engineering• Increase STEM related co-op opportunities utilizing corporate partnerships• Enhance the current IB Diploma Programme through the implementation of the IB Career Pathways Programme (aimed at enhanced CTE instruction)• Continue staff training on project based learning initiatives• Embed technology enabled instruction and interventions<ul style="list-style-type: none">o 1:1 student devices by the 2016-2017 school year• Expand co-curricular activities related to STEM<ul style="list-style-type: none">o FIRST Roboticso Summer and after school programs with the Greater Midland Community Center and additional community partners							
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District Improvement Plan

Midland Public Schools

Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology			06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions.	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
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Midland Public Schools

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District Improvement Plan

Midland Public Schools

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$2691300	All Technology, Administration, and Teaching Staff
Illuminate DnA	Implement the Illuminate DnA data warehouse and assessment system through Midland Public Schools. The data and assessment system aims to provide instant access to formative and summative assessment data, serve as a platform for online assessment exposure for students, and provide basal content/platform for the revision of district assessments (utilizing a virtual testing environment). Applicable training will be provided in form of Staff Development Proposals and throughout district/building professional development sessions	Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$42300	All Technology, Administration, and Teaching Staff
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
Hire Staff to Coach and Mentor Teachers in Meeting Needs of At-Risk Students	Hire an expert to assist, coach and mentor teachers. 2.0 FTE HQ master teachers to be available to train, coach and mentor teachers and administrators. Topics selected by buildings based on needs assessment and SIP. Service prioritized based on district needs. Instructional coaching will improve academic achievement in the core by improving instruction. The coach will instruct on how to differentiate instruction in all content areas, for all levels of students. Observations of instruction will take place and critical feedback will be given on how the students are responding to instruction. The coach will model lessons based on best practices.	Professional Learning		Implement	09/01/2015	06/30/2018	\$266000	Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction Penny Miller Nelson: MPS Coordinator of Secondary Instruction
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

District Improvement Plan

Midland Public Schools

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders Penny Miller-Nelson, Coordinator of Secondary Instruction, 6-12 Teacher Leaders
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Woodcrest Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

District Improvement Plan

Midland Public Schools

Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Siebert School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

District Improvement Plan

Midland Public Schools

Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Plymouth Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Train added professional staff to work in Core Areas to Support Achievement	Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas.	Professional Learning			07/01/2015	06/30/2018	\$5000	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction

District Improvement Plan

Midland Public Schools

Consolidated Application Workshops	Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated.	Professional Learning			07/01/2015	06/30/2018	\$4002	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Computation, Number Sense, and Problem Solving (Dreambox)	Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment.	Academic Support Program			09/01/2015	06/30/2018	\$21000	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

District Improvement Plan

Midland Public Schools

Positive Behavior Supports	In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPs process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement.	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Principal, Classroom Teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Summer School/Extended Learning Opportunities	Summer Learning Opportunities to be provided at Eastlawn, and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities.	Academic Support Program			07/01/2015	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal, Bridget Hockemeyer: Plymouth Elementary Principal, Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction
Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer : Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

District Improvement Plan

Midland Public Schools

Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment

District Improvement Plan

Midland Public Schools

Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

Add Professional Staff to Work with Students	Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

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ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services

District Improvement Plan

Midland Public Schools

ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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District Improvement Plan

Midland Public Schools

Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professiona I Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professiona I Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
New Teacher Core Subject Training	• Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professiona I Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professiona I Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders

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New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.

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Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			07/01/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

District Improvement Plan

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K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

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	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Parkdale Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
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Northeast Middle School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
Project Based Learning Training	Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
MPS Middle School Math Common Assessment Implementation	The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results.	Direct Instruction			07/01/2015	06/30/2018	\$800	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7990	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
Informational reading and writing assignments and strategies	Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.	Curriculum Development			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers
Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			09/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom.	Professional Learning			07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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Using Mobile Devices in the Secondary Classroom	Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom.	Technology , Professional Learning			07/01/2015	06/30/2018	\$10000	Chris Sabourin - Technology and Media Curriculum Specialist
Online Learning	Provide professional development in the construction of courses to be delivered in a 100% online learning format.	Technology , Professional Learning			07/01/2015	06/30/2018	\$8500	Technology and Media Curriculum Specialist - Chris Sabourin
Virtual/Blended Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology , Professional Learning			03/01/2016	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
Resource Room ELA Curriculum Alignment	Teachers will identify a scope and sequence of content and strategies to enhance ELA resource room instruction. The focus is on increasing students overall skills and abilities.	Curriculum Development			07/01/2015	06/30/2018	\$8401	Mary Laures
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Mi-STAR Participation	Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.	Curriculum Development			07/01/2015	06/30/2018	\$0	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach

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Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School ELA Teachers, Teacher Leaders
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
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MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff
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Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff
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Midland High School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Monitor and prepare for the College, Career and Civic Life (C3) Framework	District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies.	Professional Learning			07/01/2015	06/30/2018	\$600	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.
HS Course Path Development and Transitions	The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.	Curriculum Development			07/01/2015	06/30/2018	\$200	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers
High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7790	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers

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Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			07/01/2015	06/30/2018	\$300000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom.	Professional Learning			07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Using Mobile Devices in the Secondary Classroom	Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom.	Technology, Professional Learning			07/01/2015	06/30/2018	\$10000	Chris Sabourin - Technology and Media Curriculum Specialist
Informational Reading and Writing assignments and strategies	High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP.	Professional Learning			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.
Online Learning	Provide professional development in the construction of courses to be delivered in a 100% online learning format.	Technology, Professional Learning			07/01/2015	06/30/2018	\$8500	Technology and Media Curriculum Specialist - Chris Sabourin
Virtual/Blended Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			03/01/2016	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist

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Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Project Based Learning Training	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services

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Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS ELA teachers
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Virtual/Blended Learning Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			07/01/2015	06/30/2018	\$93800	Chris Sabourin: MPS Instructional Technology Specialist
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology, Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.
Economics Integration Training	Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development			07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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IB Science Training	High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices.	Professional Learning			07/01/2015	06/30/2018	\$6824	Penny Miller-Nelson, Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
IBDP Math Training	2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522.	Professional Learning			02/01/2016	06/30/2018	\$2522	Penny Miller-Nelson, Coordinator of Secondary Instruction
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Jefferson Middle School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan Standards, and Inquiry Based Learning/PBL, with a plan to design new units to align with the standards and an inquiry philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$1116	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
Project Based Learning Training	Some Middle School teachers will be provided with PBL training during the summer with the intent to develop one Project Based Learning unit that they will implement in the next year, with follow-up support, and advice.	Professional Learning		Implement	07/01/2015	06/30/2018	\$19135	Penny Miller-Nelson, Coordinator of Secondary Instruction 6-12 Teacher Leaders
MPS Middle School Math Common Assessment Implementation	The Middle School Mathematics teachers will implement the common assessments for grades 6 - 8 to assess student progress in learning the CCSS for mathematics. Middle school math staff will explore the use of a data warehouse in conjunction with the grade level assessments in scoring, recording, and analysis of the results.	Direct Instruction			07/01/2015	06/30/2018	\$800	6-12 Curriculum Specialist, Middle School Lead Teachers, Middle School Mathematics Teachers

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7990	6-12 Curriculum Specialist, Middle School Mathematics Teachers, Teacher Leaders
Informational reading and writing assignments and strategies	Middle school teachers will compare, analyze, develop, and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by M-STEP.	Curriculum Development			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Social Studies teachers
Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			09/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom.	Professional Learning			07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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Using Mobile Devices in the Secondary Classroom	Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom.	Technology , Professional Learning			07/01/2015	06/30/2018	\$10000	Chris Sabourin - Technology and Media Curriculum Specialist
Online Learning	Provide professional development in the construction of courses to be delivered in a 100% online learning format.	Technology , Professional Learning			07/01/2015	06/30/2018	\$8500	Technology and Media Curriculum Specialist - Chris Sabourin
Virtual/Blended Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology , Professional Learning			03/01/2016	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist
Resource Room ELA Curriculum Alignment	Teachers will identify a scope and sequence of content and strategies to enhance ELA resource room instruction. The focus is on increasing students overall skills and abilities.	Curriculum Development			07/01/2015	06/30/2018	\$8401	Mary Laures
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Mi-STAR Participation	Middle school teachers will participate in the Michigan Science Teaching and Assessment Reform (Mi-STAR) initiative. Teachers will collaborate with university faculty, industry experts, and other teachers to develop units of instruction and assessments that align to the Michigan Science Standards and best pedagogical practices. MPS teachers will also be involved with piloting and revising the units of instruction.	Curriculum Development			07/01/2015	06/30/2018	\$0	Coordinator of Secondary Instruction Middle School Science Teacher Leaders Learning Coach

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Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, grade level, content) and for individual coaching with the DI teacher leadership. DI building representatives will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Social Studies Teachers, Teacher Leaders
Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School Science Teachers, Teacher Leaders

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Middle School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, Middle School ELA Teachers, Teacher Leaders
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professiona I Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professiona I Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller- Nelson, Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professiona I Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller- Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
MSTA	MPS science teachers will attend the Michigan Science Teachers Association Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			03/02/2016	06/30/2018	\$8575	Coordinator of Secondary Instruction Curriculum Specialist for Elementary Instruction
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Middle Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$916800	All Technology, Administration, and Teaching Staff
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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H.H. Dow High School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Monitor and prepare for the College, Career and Civic Life (C3) Framework	District personnel will continue to monitor the progress of the College, Career, and Civic Life (C3) Framework for Inquiry in Social Studies State Standards, as it is developed and approved by the Council of Chief State School Officers and adopted by the MDE. Information may be acquired via various resources, including state and regional meetings and conferences, the CCSSO, and the Michigan Council for the Social Studies.	Professional Learning			07/01/2015	06/30/2018	\$600	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.
HS Course Path Development and Transitions	The appropriate HS mathematics teachers will continue to make adjustments in their courses to reflect the new Common Core State Standards and changes in the International Baccalaureate Mathematics courses (HL and Math Studies) and Advanced Placement courses. The various point level course paths will continue to be monitored for enrollment numbers and success rate of passing. Emphasis will be placed on the honors course path, the Integrated Math course path, and the transitions between middle school and high school mathematics.	Curriculum Development			07/01/2015	06/30/2018	\$200	6-12 Curriculum Specialist, HS Teacher Leaders, and the appropriate HS and MS math teachers
High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Professional Learning			07/01/2015	06/30/2018	\$7790	6-12 Curriculum Specialist, HS Teacher Leaders, and HS math teachers

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Co-Taught Classrooms	The school district will continue to offer co-taught classrooms for student with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program			07/01/2015	06/30/2018	\$300000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom.	Professional Learning			07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Using Mobile Devices in the Secondary Classroom	Teachers will be trained in the use of mobile devices to enhance teaching and learning. Each session will give an orientation to mobile devices as well as best practice in integrating the device into instruction. Plans also include taking teachers on site visits to experience best practices of using mobile devices in the classroom.	Technology, Professional Learning			07/01/2015	06/30/2018	\$10000	Chris Sabourin - Technology and Media Curriculum Specialist
Informational Reading and Writing assignments and strategies	High school teachers will develop and use Social Studies assessment questions and class assignments that prepare students to be college and career ready, as defined by the CCSS and as measured by the M-STEP.	Professional Learning			07/01/2015	06/30/2018	\$0	Penny Miller-Nelson, Coordinator of Secondary Instruction Secondary Social Studies teachers.
Online Learning	Provide professional development in the construction of courses to be delivered in a 100% online learning format.	Technology, Professional Learning			07/01/2015	06/30/2018	\$8500	Technology and Media Curriculum Specialist - Chris Sabourin
Virtual/Blended Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology, Professional Learning			03/01/2016	06/30/2018	\$93800	Chris Sabourin: Instructional Technology Specialist

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Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Math Labs	Identified students will be provided with focused instruction in applicable mathematics standards in an effort to improve achievement amongst at-risk students.	Academic Support Program			09/08/2015	06/30/2018	\$100000	Penny Miller-Nelson, Coordinator of Secondary Instruction
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$4185	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Project Based Learning Training	Release Days and/or professional development for select teachers to learn about the Framework for K-12 Science Education, Michigan standards, and Project Based Learning, with a plan to design new units to align with the standards and PBL philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17385	Penny Miller-Nelson, Coordinator of Secondary Instruction 9-12 Teacher Leaders
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services
Co-Teaching	The school district will continue to offer co-taught classrooms for students with special needs to be educated in the general education classroom with the support of a special education teacher.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$90000	6-12 Curriculum Specialist, Building Principals, Director of Special Services

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Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in grade level groups, building level groups and for individual coaching with the DI teacher leadership. Teacher leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum
Differentiated Instruction	Teachers will be trained in differentiated instruction throughout the year. This training will provide for the instructional needs of all students within a classroom. Time will be provided for training in groups (building level, content, grade level) and for individual coaching with the DI teacher leadership. DI building leaders will participate in collaborative time to support building DI initiatives. Teachers will receive training at these sessions and have the opportunity to observe and model lessons demonstrating how to differentiate in a classroom. (Secondary Emphasis: 2015-2016)	Professional Learning		Implement	07/01/2015	06/30/2018	\$4208	Tracy Renfro, Principal; Brian Brutyn, Associate Superintendent for Curriculum

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials (inquiry based units), find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning			07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Social Studies teachers
High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS Science Teachers

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High School Content Development, Interventions, and Best Practices	Time and support will be provided to work with colleagues to determine essential standards and targeted learning goals (Marzano Framework), develop scope and sequence, create proficiency scales, develop supplemental curriculum materials, find interventions for students experiencing difficulties, and examine best instructional practices in maintaining high expectations for all students and helping students succeed as they work to meet the expectations of the Michigan Standards. Time will also be devoted to achievement gaps and strategies for narrowing those gaps and the use of technology for learning. Teachers will learn to work with data from the M-STEP and district assessments to improve student achievement. This time will be provided through district PD, collaborative time, and individual building school improvement meetings.	Curriculum Development, Professional Learning		Implement	07/01/2015	06/30/2018	\$6990	6-12 Curriculum Specialist, HS Teacher Leaders, and HS ELA teachers
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology, Professional Learning		Monitor	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL

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Virtual/Blended Learning Training	25 Teachers will participate in 100 hours of training based on virtual and blended instructional strategies. The training will occur after school hours and will be based on a customized REMC BLIC model (facilitated by in-house administrator).	Technology , Professional Learning			07/01/2015	06/30/2018	\$93800	Chris Sabourin: MPS Instructional Technology Specialist
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning			03/09/2016	06/30/2018	\$7270	Chris Sabourin, Instructional Technology Specialist Social Studies teachers.
Economics Integration Training	Social Studies teachers will work with Economic concepts at District PD in order to improve the learning experiences included within unit instruction. Collaboration amongst teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development			07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning			11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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IB Science Training	High School teachers will attend an International Baccalaureate Diploma Programme (IBDP) Workshop for Science to assist in the enhancement of instructional practices.	Professional Learning			07/01/2015	06/30/2018	\$6824	Penny Miller-Nelson, Coordinator of Secondary Instruction
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
IBDP Math Training	2 teachers to attend the International Baccalaureate Diploma Programme (IBDP) Workshop for Math. Cost per teacher = \$2151 x. 2. St. Petersburg, FL. Registration: \$1780. Hotel, meals, flight, parking, ground transportation, mileage = \$2522.	Professional Learning			02/01/2016	06/30/2018	\$2522	Penny Miller-Nelson, Coordinator of Secondary Instruction
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all High Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Implement	06/30/2015	07/31/2018	\$654500	All Technology, Administration, and Teaching Staff
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning		Implement	07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School
Marzano High Reliability Schools Framework	Secondary Administrators will continue to implement the HRS framework to deepen leadership abilities and promote learning strategies that increase student learning and overall school improvement. 2017-2018 work will focus on attaining proficiency within Level 2 and 3 (Effective Teaching Within Every Classroom & Guaranteed and Viable Curriculum in every Classroom). Administrators and Teacher Leaders will attend the HRS summit in Texas to collaborate with Marzano Research Institute staff to set action plans to achieve the desired proficiency.	Professional Learning			07/01/2015	06/30/2018	\$17070	Penny Miller-Nelson: Coordinator of Secondary Instruction Steve Poole: Principal of HH Dow High School Dirk DeBoer: Principal of Northeast Middle School Ted Davis: Jefferson Middle School Jeff Jaster: Midland High School

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Eastlawn School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators

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Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinators Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Train added professional staff to work in Core Areas to Support Achievement	Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas.	Professional Learning			07/01/2015	06/30/2018	\$5000	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction
Consolidated Application Workshops	Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated.	Professional Learning			07/01/2015	06/30/2018	\$4002	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.

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Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Interventionist and other support personnel
Computation, Number Sense, and Problem Solving (Dreambox)	Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment.	Academic Support Program			09/01/2015	06/30/2018	\$21000	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.
Positive Behavior Supports	In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPs process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement.	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Principal, Classroom Teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers

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Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Summer School/Extended Learning Opportunities	Summer Learning Opportunities to be provided at Eastlawn, and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities.	Academic Support Program			07/01/2015	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal, Bridget Hockemeyer: Plymouth Elementary Principal, Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

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Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: MPS Curriculum Specialist for Elementary Instruction
Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Principal Bridget Hockmeyer : Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction
Summer School/Extended Learning Opportunities	Summer learning opportunities to be provided at Eastlawn and Plymouth Elementary. Temporary Title Teachers, HQ Classroom Teachers, and Paraprofessionals will analyze data to design an instructional program that targets specific learning gaps amongst participating students. Funding will cover salaries, supplies, transportation, meals, and extension opportunities (subject to change based on location).	Academic Support Program			06/20/2016	06/30/2018	\$103652	Shannon Blasy: Eastlawn Elementary Principal Bridget Hockemeyer: Plymouth Elementary Principal Lou Ann Bensinger: Curriculum Specialist for Elementary Instruction

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Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

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Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Add Professional Staff to Work with Students	Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

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Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

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Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

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Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.

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School Nurse	As part of the Community School Model, Eastlawn will contract for the services of a School Nurse to support selected students and families with medical issues, medications, hygiene, health and other issues as they relate to attendance and academic performance.	Other			07/01/2015	06/30/2018	\$25000	Shannon Blasy, principal School Family Intervention ist and other support personnel
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family intervention ist, building principal.
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Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
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Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

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Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers.</p> <p>Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Central Park Administration
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District Improvement Plan

Midland Public Schools

Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers.</p> <p>Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration
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District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Chestnut Hill Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

District Improvement Plan

Midland Public Schools

Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

District Improvement Plan

Midland Public Schools

1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
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District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Carpenter School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1		07/01/2017	06/30/2021	\$140531	Central Park Administration
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Carpenter Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program			07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Train added professional staff to work in Core Areas to Support Achievement	Paraprofessionals and temporary teachers will be trained in effective support strategies for all content areas.	Professional Learning			07/01/2015	06/30/2018	\$5000	Title 1 Principals: Bridget Hockemeyer; Shannon Blasy; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction

District Improvement Plan

Midland Public Schools

Consolidated Application Workshops	Leaders of the Consolidated Application will attend various workshops and conferences as they become available. These would include the Fall and Winter Director's Conference as well as other sessions to inform leaders of the many new obligations that are legislated.	Professional Learning			07/01/2015	06/30/2018	\$4002	Brian R. Brutyn, Associate Superintendent for Curriculum; Bridget Hockemeyer, Principal; Shannon Blasy, Principal; Jeff Lauer, Principal
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Computation, Number Sense, and Problem Solving (Dreambox)	Teachers in grade K-5 will implement and utilize Dreambox to enhance daily instruction by providing basic fact computation, number sense, and problem solving for students at risk in the subject of mathematics. Teachers will receive applicable training. Devices will be fitted with keyboards and headphones to provide for universal access to features and a distraction free learning environment.	Academic Support Program			09/01/2015	06/30/2018	\$21000	Principal, classroom teachers, instructional support paras, temporary Title 1 teachers.

District Improvement Plan

Midland Public Schools

Positive Behavior Supports	In order to encourage student participation and buy in of the SOAR system, in order to continue to write office discipline referrals, and in order to maintain CHAMPs process we will need to have SOAR store supplied and maintained with appropriate incentives, we will need office discipline referrals forms, and CHAMPS materials. We will need to purchase behavior system management prizes. These material are supplemental and will be used for pre-teaching in the four core areas in order to increase student achievement.	Behavioral Support Program			07/01/2015	06/30/2018	\$436	Principal, Classroom Teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Curriculum Development			07/01/2015	06/30/2018	\$363385	Lou Ann Bensinger, Coordinator of Elementary Instruction Brian Brutyn, Associate Superintendent of Curriculum, Instruction, and Assessment
Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals; Shannon Blasy, Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Add Professional Staff to Work with Students	Paraprofessionals and temporary teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$399324	Title 1 Principals; Shannon Blasy Bridget Hockemeyer; Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum
Add Professional Staff to Work with Students	Paraprofessionals and temporary Title I teachers will work with students in core areas as determined by diagnostic evaluation. They will assist and support classroom instruction, decrease student behaviors that prevent achievement, and provide small group instruction.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$441000	Title 1 Principals: Shannon Blasy, Bridget Hockemeyer, Jeff Lauer; Brian R. Brutyn, Associate Superintendent for Curriculum

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

District Improvement Plan

Midland Public Schools

Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

District Improvement Plan

Midland Public Schools

New Teacher Core Subject Training	<ul style="list-style-type: none"> Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom. 	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.

District Improvement Plan

Midland Public Schools

Early Start for At-Risk K Students	Identified students will begin kindergarten early for pre-teaching and readiness activities. This will involve two six-hour days with students and will require classroom teachers, paraprofessionals and the purchase of some supplies. The purpose of the program is to prepare incoming kindergarten students for the four core curriculum subjects and daily classroom routines and activities.	Academic Support Program			08/17/2015	06/30/2018	\$5625	Building principals, kindergarten teachers.
Work directly with families (Intervention Specialist)	Supplemental social worker/family intervention specialists will be hired with Title I funds to work with identified families of students highly at risk of not meeting rigorous modern academic standards. The social worker will work with teachers and families to communicate effectively, develop and implement learning support systems to foster improved academic achievement, and promote effective assistance for homework. Expert trainers will be secured to teach parents how to parent and assist with learning. All supplies, resources and materials will be secured to make the trainings supportive and successful.	Other			07/01/2015	06/30/2018	\$198570	Supplemental social worker/family interventionist, building principal.
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District Improvement Plan

Midland Public Schools

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Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

District Improvement Plan

Midland Public Schools

NWEA Assessments	Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Jeff Lauer, Carpenter Elementary Principal
NWEA Assessments	Implement NWEA ELA and Mathematics Assessments at Carpenter Elementary utilizing supplemental funds 3 times annually. The assessment data will be used to progress monitor students and guide interventions for at-risk students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$4635	Jeff Lauer, Carpenter Elementary Principal
Personalized Instruction Coach (Title I)	The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers. Provide support for implementation of learner-centered instructional practices to develop the whole child. Spend time in the classroom observing and modeling strategies for teachers. Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans. Provide training of best practice intervention/strategies to all staff including title support staff. The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc. The coach builds and maintains confidential relationships with teachers.	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration

District Improvement Plan

Midland Public Schools

Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers.</p> <p>Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration
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District Improvement Plan

Midland Public Schools

Personalized Instruction Coach (Title I)	<p>The instructional coach is charged with acquiring the knowledge, and instructional strategies necessary to effectively impact the instructional practices of K-5 teachers.</p> <p>Provide support for implementation of learner-centered instructional practices to develop the whole child.</p> <p>Spend time in the classroom observing and modeling strategies for teachers.</p> <p>Facilitate study groups with teachers and title staff to collect, analyze and use data as evidence of learning to drive decision making when creating individual or classroom instructional plans.</p> <p>Provide training of best practice intervention/strategies to all staff including title support staff.</p> <p>The instructional coach may facilitate school-based professional development, working with teachers (in teams or individually) to refine their knowledge and skills. Professional development could include, but not be limited to: in-class coaching, observing, modeling of instructional strategies, guiding teachers in looking at student work, developing lesson plans with teachers based on student needs, supporting data analysis, supporting the integration of technology, co-planning with teachers, etc.</p> <p>The coach builds and maintains confidential relationships with teachers.</p>	Academic Support Program, Professional Learning	Tier 1	Implement	07/01/2017	06/30/2021	\$140531	Central Park Administration
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District Improvement Plan

Midland Public Schools

K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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District Improvement Plan

Midland Public Schools

	<p>o A progress monitoring meeting may occur during Fall Conferences</p> <p>o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. Requests for training should be made to the Curriculum Specialist for Elementary Instruction. <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document)</p> <p>Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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Adams Elementary School

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
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District Improvement Plan

Midland Public Schools

Framework for K-12 Science Education	Release Days and/or professional development for select teachers to learn about Framework for K-12 Science Education, Michigan state standards, and IB Primary Years Programme, with a plan to design new kits to align with the standards and IB philosophy.	Professional Learning		Implement	07/01/2015	06/30/2018	\$7626	K-5 Curriculum Specialist 6-12 Curriculum Specialist K-6 Lead Teachers
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Elementary: Writing and Revising Curriculum Materials	Teachers will attend district and building level professional development meetings throughout the school year to learn additional information on the Common Core State Standards and The Primary Years Programme and determine the need for curriculum realignment and lesson redesign. Teachers will write and document the needed changes for their grade level changes and updates.	Professional Learning			07/01/2015	06/30/2018	\$2000	Lou Ann Bensinger, Instructional Specialist; Teacher Leaders PYP Coordinators
Implementation: Elementary Social Studies Informational Reading Resources	Elementary teachers will integrate the informational reading resources provided by MPS where applicable into PYP & Social Studies units.	Curriculum Development		Implement	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Curriculum Development			07/01/2015	06/30/2018	\$40393	Principals IB-PYP Coordinator s Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Elementary teachers
Elementary Social Studies: implementation of new Kindergarten activities and resources	Kindergarten teachers will integrate social studies resources and activities developed by their MPS Kindergarten colleagues to support transdisciplinary PYP units.	Teacher Collaboration		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Kindergarten teachers
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals
Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units, assessments, inquiry, specialist training, etc... The level of training will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			06/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator s, Elementary Building Principals

District Improvement Plan

Midland Public Schools

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Economics Integration Training	Elementary teachers will work with Economic concepts at District PD in order to improve the learning experiences included within the PYP units. Collaboration with 6-12 teachers will occur to ensure vertical alignment and promote core vocabulary & concept retention.	Curriculum Development		Monitor	07/01/2015	06/30/2018	\$0	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction MPS Social Studies teachers

District Improvement Plan

Midland Public Schools

Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the elementary buildings. The coordinators will continue training paraprofessionals to gain an understanding of the foundations of PYP. The coordinators will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinators will be involved in whole-school and district planning, as well as on-going professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning			07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist
Primary Years Programme Coordinators	Maintain experts to mentor and lead teachers in implementing all areas of the Primary Years Programme. The district will maintain 3.5 FTE HQ master teachers to be available to train, coach and mentor approximately one hundred and eighty teachers and administrators on the implementation of PYP. The PYP Coordinator will work .5 in each of the buildings where PYP will be implemented. The coordinators will also train one hundred and fifty paraprofessionals to gain an understanding of the foundations of PYP. The coordinator will work with teachers on writing transdisciplinary units of study, collaborative planning, coordinating efforts with the International Baccalaureate Organization to be certain the standards for implementation are understood by all stakeholders and that the program is planned, taught and assessed collaboratively. The coordinator will be involved in whole-school planning, as well as in and out-of-school professional development. Coordinators to attend training Level 2 and Level 3 Training as applicable to authorization phase.	Professional Learning		Implement	07/01/2015	06/30/2018	\$363385	PYP Building Principals; Brian Brutyn, Associate Superintendent for Curriculum; Lou Ann Bensinger, Instructional Specialist

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Primary Years Programme Training	Up to 70 teachers and administrators will attend varied levels of International Baccalaureate Primary Years Programme training at various locations throughout the school year. Locations of training will be determined based on the availability of regional trainers. Training will focus on PYP program philosophy, implementation, the creation of transdisciplinary units. The level of training (amount of collaborative time) will be determined on building progress in the application phase. PYP implementation is offered through grant funding beyond the district operating budgets, enhancing professional learning beyond the confines of the general fund.	Professional Learning			07/01/2015	06/30/2018	\$40393	Lou Ann Bensinger, PYP Coordinator, Elementary Building Principals
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members and teachers to develop and customize instruction for students in need.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program			07/01/2015	06/30/2018	\$13000	Building Principals Coordinator of Elementary Instruction Director of Special Services
ICT Release Bank	The district will provide release time for teachers to meet with problem solving team members to develop a plan for intervention for struggling students.	Academic Support Program		Implement	07/01/2015	06/30/2018	\$2464	Building Principals Director of Special Services Coordinator of Elementary Instruction

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Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
Building Technology Instructional Leaders (BTIL)	Maintain thirty teachers as building leaders in instructional technology: 2 at each elementary school, 3 at each middle school, and 5 at each high school. Each of these leaders will assist colleagues in integrating technology into instruction. They will attend two hours of training a month that focuses on best practice in technology integration, then take that learning and work with teachers in their areas.	Technology , Professional Learning		Implement	07/01/2015	06/30/2018	\$34000	Chris Sabourin, Technology and Media Curriculum Specialist; Mark Naffie, BTIL TL
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Attend MACUL	Social Studies teachers will attend MACUL to enhance their educational technology skills.	Technology , Professional Learning		Implement	03/09/2016	06/30/2018	\$7270	Chris Sabourin: Instructional Technology Specialist Social Studies teachers.
Attend MCSS	MPS social studies teachers will attend the Michigan Council for the Social Studies Conference. Attendees will discuss and distribute conference information upon return. Each staff member will register and have a specific learning goal in mind.	Professional Learning		Implement	11/04/2015	06/30/2018	\$5450	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction Penny Miller-Nelson, Coordinator of Secondary Instruction

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New Teacher Core Subject Training	• Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
New Teacher Core Subject Training	Professional development will be provided for newly hired, non-tenure teachers. Teachers will receive training in the Core Four areas and the use of assessments. We will examine the teachers areas of need in curriculum and instruction. This will give our new teachers additional knowledge and pedagogy to meet the diverse needs of students within the classroom.	Professional Learning		Implement	07/01/2015	06/30/2018	\$3560	Lou Ann Bensinger, Curriculum Specialist for Elementary Instruction, K-5 Teacher Leaders
Writing Across the Curriculum PD	Teachers will participate in professional development reviewing 6+1 Traits of Writing for Elementary and 6+1 Traits of Writing in the Content Areas for Grades 5-12. Teachers will become familiar with the genres of writing outlined in the CCSS and apply the 6 + 1 Model of Writing to multiple genres where appropriate. Particular attention will be given to argument/opinion writing (supporting claims in an analysis of topics or texts, using valid reasoning and relevant and sufficient evidence) and informational/explanatory (examining and conveying complex ideas and information clearly and accurately through the effective selection, organization and analysis of content) writing.	Professional Learning			07/01/2015	06/30/2018	\$5000	Lou Ann Bensinger, Instructional Specialist Penny Miller-Nelson, Instructional Specialist Scott Cochran, Instructional Specialist Brian Brutyn, Associate Supt. of Curriculum

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1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff
1:1 Technology Implementation	Implement a ratio of 1:1 technology devices in all Elementary Schools. Device integration will build student technology skills, enhance teacher personalization/differentiation efforts, increase engagement, allow access to increased virtual/blended learning opportunities, and help achieve the measurable outcomes of the District Improvement Plan and STEM Strategic Plan.	Direct Instruction, Academic Support Program, Technology		Getting Ready	06/30/2015	07/31/2018	\$1120000	All Technology, Administration, and Teaching Staff

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K-3rd Grade Literacy Intervention Plan	<p>In the fall of 2016, the Michigan Legislature passed a comprehensive set of mandates (Public Act 306 of 2016) aimed at ensuring proficiency in the English Language Arts for all students before entering fourth grade. The legislation stipulates that students that are one grade level behind reading as identified through the state standardized assessment will be retained in the third grade (beginning in the 2019-20 school year).</p> <p>In order to comply with Legislative statutes and to promote achievement in all of our students, a committee of Midland Public Schools staff members formed in the spring of 2017 to formulate a Kindergarten through Third Grade Literacy Intervention Plan</p> <p>For the purposes of identifying a reading deficiency and appropriate intervention plan, Midland Public Schools will utilize the DIBELS screener for all Kindergarten through third grade students.</p> <ul style="list-style-type: none"> • The screener will be administered to each student within the first 30 days of school • The screener will be administered at least three times annually (Fall, Winter, Spring) • Any student that is identified as 'Well Below Benchmark' will be placed on an Individualized Reading Improvement Plan <p>o Note: In order to prevent false identification, Kindergarten students will receive a 'Well Below Benchmark' classification in two consecutive screening sessions.</p> <p>o Note: Students that score 'Below Benchmark' will receive applicable interventions, but will not be placed on a formal plan unless recommended by the primary instructor.</p> <p>The recommendation will be based on a comprehensive portfolio of data gathered and presented to the building team.</p> <p>Once a student has been identified as qualifying for an Individual Reading Improvement Plan, a team including (but not limited to) the student's teacher, principal, and parent/guardian will meet within 30 days of screener identification. The stakeholder group will determine a course of applicable in-school and at-home interventions. The team will meet at least bi-annually to assess progress and to determine if continued services are necessary.</p> <p>Suggested Meeting Times:</p> <p>o A progress monitoring meeting may occur during</p>	Academic Support Program, Parent Involvement, Professional Learning	Tier 3	Implement	07/01/2017	06/30/2021	\$330000	All Elementary Principals, Elementary Instruction Specialist, Literacy Coaches (Pending)
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	<p>o A progress monitoring meeting may occur during Fall Conferences o The 2nd formal meeting may occur during Spring Conferences</p> <p>To ensure that Midland Public Schools' staff members are equipped with the knowledge and skills to carry out the procedures set forth in this document, the following professional development plan will be implemented:</p> <ul style="list-style-type: none">• All elementary staff will be trained on the expectations and guidelines correlated to this literacy plan through the following sessions:<ul style="list-style-type: none">o Building level professional development on September 22nd, 2017. Focus: MPS K-3rd Grade Literacy Intervention Plan Overview IRIP team and template, timelines, screener, etc.o District level professional development on October 9th, 2017 Focus: MPS core reading expectations and intervention modelso Supplemental professional development sessions may occur on an 'as-needed' basis and will be provided by MPS Teacher Leaders, administrators, learning coaches, and outside consultants. <p>Requests for training should be made to the Curriculum Specialist for Elementary Instruction.</p> <p>Note #1: For a comprehensive overview of the plan, refer to the MPS K-3rd Grade Literacy Intervention Plan (formal document) Note #2: It is the intention of Midland Public Schools to hire a minimum of 2 (up to 3) Literacy Coaches to aid staff and students in meeting the pillars of the plan. This is dependent upon available 31A funds (TBD July 2017).</p>							
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