

1819 School Improvement Plan 2.0

Sault Area High School

Sault Ste. Marie Area Schools

Mr. Carl McCready, Principal
904 MARQUETTE AVE
SAULT SAINTE MARIE, MI 49783-3301

TABLE OF CONTENTS

Overview	1
Goals Summary	2
Goal 1: All students at SAHS and CC will have the literacy skills to be competitive in college, the workforce, and/or in civic life.	3
Goal 2: All students will be engaged in the full creative process.	4
Goal 3: All staff will work together to elevate instructional and behavioral strategies to meet the diverse needs of all learners.	5
Goal 4: All members of the school community will be safe, respectful, responsible and active learners.	6
Goal 5: All schools will organize around the ideals set forth under a multi-tiered system of support in order to meet the academic, behavioral, and physical needs of all students.	10
Goal 6: All students will have knowledge and skills to be a responsible citizen and aware of cultures in a changing world.	11
Goal 7: All students will have the STEM skills to be competitive in college, the workforce and/or in civic life.	13
Activity Summary by Funding Source	17

Overview

Plan Name

1819 School Improvement Plan 2.0

Plan Description

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	All students at SAHS and CC will have the literacy skills to be competitive in college, the workforce, and/or in civic life.	Objectives: 2 Strategies: 3 Activities: 5	Academic	\$11200
2	All students will be engaged in the full creative process.	Objectives: 1 Strategies: 1 Activities: 3	Academic	\$2900
3	All staff will work together to elevate instructional and behavioral strategies to meet the diverse needs of all learners.	Objectives: 1 Strategies: 1 Activities: 3	Academic	\$32000
4	All members of the school community will be safe, respectful, responsible and active learners.	Objectives: 3 Strategies: 4 Activities: 7	Organizational	\$11200
5	All schools will organize around the ideals set forth under a multi-tiered system of support in order to meet the academic, behavioral, and physical needs of all students.	Objectives: 1 Strategies: 2 Activities: 2	Organizational	\$22000
6	All students will have knowledge and skills to be a responsible citizen and aware of cultures in a changing world.	Objectives: 2 Strategies: 2 Activities: 4	Academic	\$8500
7	All students will have the STEM skills to be competitive in college, the workforce and/or in civic life.	Objectives: 3 Strategies: 4 Activities: 10	Academic	\$146100

Goal 1: All students at SAHS and CC will have the literacy skills to be competitive in college, the workforce, and/or in civic life.

Measurable Objective 1:

100% of Ninth, Tenth, Eleventh and Twelfth grade Black or African-American, Asian, Bottom 30%, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will increase student growth 3 points in Reading by 11/04/2014 as measured by MAP Reading .

Strategy 1:

Direct and Explicit Instruction - All students will receive direct and explicit instruction from a guaranteed and viable curriculum in ELA -reading (honors, regular, and co-taught classroom environments) that is direct and explicit and focuses on common core standards and higher order thinking.

Teachers and administrators will be trained in creating purposeful lesson objectives and teacher questioning.

Category:

Research Cited: Saphier, J. Haley-Speca, M.A., & Grower, R. (2008). The skillful teacher: Building your teaching skills. Action, MA: Research for Better Teaching, Inc. (Chapter 9, pp, 194-219)

Tier: Tier 1

Activity - Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
eachers will learn through the lesson study component of Instructional rounds.Sc	Teacher Collaboration, Professional Learning	Tier 1	Implement	09/01/2016	06/30/2020	\$2000	Title II Part A	Sherman

Measurable Objective 2:

100% of All Students will achieve college and career readiness minimum score in English Language Arts by 06/04/2021 as measured by in Evidenced based reading on PSAT and SAT .

Strategy 1:

springboard - Springboard - Springboard provides a set of skills that provide a baseline for college success.

Category: English/Language Arts

Category: English/Language Arts

Research Cited: ed: <https://springboard.collegeboard.org/pdf/springboard-research-compendium.pdf>

Tier: Tier 1

1819 School Improvement Plan 2.0

Sault Area High School

Activity - springboard PD Modules	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Learn the key skills needed to pass the SAT/PSAT assessment	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/04/2021	\$1200	Title II Part A	ask
Activity - SAT/SPAT data dig	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use the data from Cpllege Board to positively impact students in the classroom by aligning lessons to individual student needs.	Professional Learning	Tier 1	Getting Ready	08/06/2018	06/04/2021	\$2000	Title II Part A	ask
Activity - PLC ELA & SS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Social studies and ELA teachers will research and learn about students that struggle with the thinking required to thoroughly read a complex piece of text.	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/04/2021	\$1000	Title II Part A	ask

Strategy 2:

formative assessment - is a deliberate process used by teachers and students during instruction that provides actionable feedback that is used to adjust ongoing teaching and learning strategies to improve students' self- assessment, reflection, and attainment of curricular learning targets/goals" (Smarter Balanced Assessment Consortium, 2013). Formative assessment process builds students' metacognition, increases students' motivation, resulting in self-regulated, lifelong learners. Some common classroom formative assessments include: summaries, quick-writes, reflections, checklists, charts, graphic organizers, visual representations, and short quizzes. In recent years, many districts and schools have implemented common formative assessments based on content standards."

Category: English/Language Arts

Category: English/Language Arts

Research Cited: Cited: "Assessment and Classroom Learning" (Black & Wiliam, 1998a)

Tier: Tier 1

Activity - FAME	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teacher leaders will participate in FAME to learn how to coach around topics such as Formative Assessment	Teacher Collaboration, Professional Learning	Tier 1	Getting Ready	07/02/2018	06/04/2021	\$5000	Title II Part A	ask

Goal 2: All students will be engaged in the full creative process.

Measurable Objective 1:

85% of Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a behavior complete a portfolio in Art & Humanities by 06/07/2019 as measured by district rubrics for VPAA.

Strategy 1:

The Four Stages of Creativity through the Inquiry - teachers will work on the four stages with their students: preparation, Incubation, illumination and verification.

Category: Elective Courses

Research Cited: Research Cited: <https://www.brainpickings.org/2013/08/28/the-art-of-thought-graham-wallas-stages/>

Tier: Tier 1

Activity - VPAA CRT	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers from the EUP will organize to study the creative process within their programs.	Professional Learning	Tier 1	Implement	10/27/2016	06/05/2020	\$500	School Improvement Grant (SIG)	dsa, vpaa staff
Activity - Michigan Art Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Attend the conference to learn about self directed application of the creative process train all of the VPAA art instructors.	Professional Learning	Tier 1	Implement	08/30/2018	06/05/2020	\$1200	Title II Part A	anne clayton
Activity - Michigan Music Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The head music teacher will attend the Michigan Music conference to learn about using the full creative process in composition of music to meet the third component of the MMC requirements in VPAA.	Professional Learning	Tier 1		08/30/2018	06/05/2020	\$1200	Title II Part A	music staff

Goal 3: All staff will work together to elevate instructional and behavioral strategies to meet the diverse needs of all learners.

Measurable Objective 1:

100% of Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Black or African-American, Asian, Bottom 25%, Bottom 30%, White, Economically Disadvantaged, Free/Reduced Lunch, Gifted and Talented, Hispanic or Latino, Improvement from 10th to 12th Grade, Improvement from 8th to 10th Grade, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander and Top 75% students will collaborate to define instructional and behavioral strategies that work for Tier I, ii, and III students in various subjects, courses and classrooms. based on research baed strategies compiled in teh Thoughtful Classroom in English Language Arts by 06/30/2020 as measured by teacher outcomes data in Stages.

Strategy 1:

The Thoughtful Classroom - dynamic relationship between the teacher and the school exists in a healthy organization: What's good for the organization must also be good for the teacher. This type of synergistic relationship enhances the ability of both the teacher and the school to achieve desired goals. Moreover, balancing individual needs with institutional expectations is essential for fostering productive work environments. SAPS will use the rubrics of the Thoughtful Classroom as the cornerstone for professional development within professional learning communities, staff meetings and professional development selection.

Category: School Culture

Research Cited: Iver, H., Perini, M., & Strong, R. (2007). The strategic teacher: selecting the right research-basedstrategy for every lesson. Alexandria, VA:

ASCD<http://www.thoughtfulclassroom.com/PDFs/TheStrategicTeacher-BetterInstruction.pdf>

Tier:

Activity - Thoughtful Classroom Admin	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
ll administrators will participate in four days of training on therubrics designed for classroom practice.	Professional Learning	Tier 1	Getting Ready	07/01/2016	07/01/2017	\$20000	Title II Part A	ASK
Activity - Thoughtful Classroom Teachers	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
I teachers will have the opportunity to learn the language and techniques described in the research behind the Thoughtful Classroom rubrics.	Professional Learning	Tier 1	Getting Ready	07/01/2016	07/01/2017	\$10000	Title II Part A	ASK
Activity - Rounds	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will learn through the lesson study component of Instructional rounds.	Teacher Collaboration, Professional Learning	Tier 1	Implement	07/01/2016	06/30/2020	\$2000	Title II Part A	Sherman

Goal 4: All members of the school community will be safe, respectful, responsible and active learners.

Measurable Objective 1:

collaborate to to define instructional and behavioral strategies that work for Tier I, II and III students in various subjects, courses and classrooms based on researched based strategies compiled in the Thoughtful Classroom by 06/30/2020 as measured by teacher outcomes by 06/30/2020 as measured by building positive behavior support teaching plans.

Strategy 1:

PBIS Secondary - - Develop Internal Assets in Schools involving parents and community members - The school buildings will organize around four main categories to reduce risky

behaviors in youth

Commitment to learning

-Positive values

-Social competencies

-Positive identity

Category: School Culture

Research Cited: Osher, D., Spier, E., Kendziora, K., & Cai, C. (2009). Improving academic achievement through improving school climate and student connectedness.

Presented April 14, 2009 at the American Educational Research Association Annual Meeting, San Diego, CA

[http://www.alaskaice.org/files/090414_AIR_AERA_ImprovingAcademicAchievementThroughImprovingSchoolClimateandStudentConnectednesscopy\(2\).pdf](http://www.alaskaice.org/files/090414_AIR_AERA_ImprovingAcademicAchievementThroughImprovingSchoolClimateandStudentConnectednesscopy(2).pdf)

Patrick, H. and A.M. Ryan (2003). Identifying Adaptive Classrooms: Analyses of Measures of Dimensions of the Classroom Social Environment. Paper presented at the Indicators of Positive Development Conference, Child Trends, Washington DC, March 11th-13th 2003.

http://www.childtrends.org/Files/Child_Trends2003_03_12_PD_PDConfPatRyan.pdf

Rimm-Kaufman, S. Improving students' relationships with teachers to provide essential supports for learning: Teacher's modules. American Psychological Association.

Retrieved January 24, 2011 from

<http://www.apa.org/education/k12/relationships.aspx>

Scales, P. C., Roehlkepartain, E. C., & Benson, P. L. (2010). Teen voice 2010:

Relationships that matter to America's teens. Minneapolis, MN: Search Institute and Best

Buy Children's Foundation. https://www.at15.com/sites/all/themes/at15_v3/_assets/pdf/TeenVoice2010.pdf

Tier: Tier 1

1819 School Improvement Plan 2.0

Sault Area High School

Activity - Positive School Climate	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Develop a plan to introduce the work of Positive School Climate to their school staff Develop a plan for establishing a critical data point for staff to rally around related to this work Identify additional steps to take to address staff-buy in Articulate the "big ideas" related to behavior and the adolescent brain Determine how to complete an audit of current behavioral support practices	Behavioral Support Program, Professional Learning	Tier 1	Monitor	07/01/2016	06/11/2021	\$2400	Title II Part A	Administrators, building teams
Activity - School Improvement Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
SITs will attend the School Improvement Conference to learn how to use the new tools in the software to increase internal awareness and assets for improved student achievement	Parent Involvement	Tier 1	Implement	08/26/2018	06/12/2020	\$2000	Title II Part A	DSA

Strategy 2:

Student Learning Objectives - All teachers will establish clear student learning objectives based on growth around defined assessments for each subject/course taught in our schools.

Category: School Culture

Research Cited: Research Cited: <http://www.air.org/resource/art-and-science-student-learning-objectives-research-synthesis>

Tier: Tier 1

Activity - SLO Professional Development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All teachers will work collaboratively to establish SLOs.	Professional Learning	Tier 1	Getting Ready	08/24/2016	06/12/2020	\$2000	Section 31a	ASK

Measurable Objective 2:

increase student growth in grades, attendance and appropriate behavior by 06/01/2020 as measured by the Early Warning System. by 06/01/2020 as measured by Early Warning System.

Strategy 1:

Early warning and drop out prevention - Early Warning and Drop Out Prevention - teachers and principals will use EWS tools to identify and support students at-risk of dropping out.

Category: Learning Support Systems

Research Cited: Early Warning Systems Organization research on high performing high schools and turn around strategies for low performing high schools.

<http://www.earlywarningsystems.org/resources/early-warning-system-high-school-tool/>

Tier: Tier 2

Activity - data monitoring	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Data cycles, dates, and reports are chosen. The reports are ran, analyzed, and distributed to the proper stakeholders to ensure next steps are taken.	Recruitment and Retention, Behavioral Support Program, Academic Support Program, Technology	Tier 2	Monitor	08/27/2018	06/12/2020	\$0	No Funding Required	attendance officer, assistant principal, counselors, and at-risk coordinator

Measurable Objective 3:

demonstrate a behavior to put systems in place that assist 100% of the student population in learning social expectations by 06/01/2020 as measured by building positive behavior support teaching plans..

Strategy 1:

PBIS Secondary - (2) - Secondary PBIS will focus on training on the following core elements:

Progress monitoring for at risk students

System for increasing structure and predictability

System for increasing contingent adult feedback

System for linking academic and behavioral performance

System for increasing home/school communication

Collection and use of data for decision-making

Basic-level function-based support

Category: School Culture

Research Cited: Irvin, L.K., Tobin, T., Sprague, J., Sugai, G. and Vincent, C. (2004). Validity of office discipline referral measures as indices of school-wide behavioral status and effects of school-wide behavioral interventions. *Journal of Positive Behavior Interventions*, 6, 131-147.

Tier: Tier 1

Activity - PBIS Secondary -	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
-----------------------------	---------------	------	-------	------------	----------	-------------------	-------------------	-------------------

1819 School Improvement Plan 2.0

Sault Area High School

training for secondary teams on the planning of the system and implementation success at the secondary level.	Behavioral Support Program	Tier 1	Getting Ready	08/27/2018	06/01/2020	\$800	Title II Part A	admin, building teams, and DSA
Activity - Boot Camp SAHS	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will create a learning opportunity for students entering the high school through a series of stations.	Community Engagement	Tier 1	Implement	08/23/2018	09/01/2020	\$2000	Section 31a	sherman - SAHS staff
Activity - SPARK	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Exercise before learning provides an unparalleled stimulus, creating an environment in which the brain is ready, willing, and able to learn. Aerobic activity has a dramatic effect on adaptation, regulating systems that might be out of balance and optimising those that are not.	Behavioral Support Program	Tier 1	Monitor	09/04/2018	06/12/2020	\$2000	General Fund	ask

Goal 5: All schools will organize around the ideals set forth under a multi-tiered system of support in order to meet the academic, behavioral, and physical needs of all students.

Measurable Objective 1:

demonstrate a behavior of respect by 06/01/2021 as measured by presentation of plans in the DSIT in 2017.

Strategy 1:

Restorative Justice - Restorative Justice - is an approach to addressing conflict and misconduct that focuses on healing rather than punishment. RJ assumes that misconduct and conflict

injure those directly involved (victims and offenders) as well as the broader community to which they belong. Rather than relying on punishment, RJ expects those who cause injuries to make things right with those they have harmed and with their community (Zehr, 2002; Umbreit, 2011). Its foundational principles of

respect, accountability, healing, and empathy speak to fundamental human values, ethics, and practices common in ancient cultures from First Nations (Canada) to Maori (New

Zealand) (Pranis, 2005; Umbreit, 2011).

Category: School Culture

Research Cited: hambers, D. A., Glasgow, R. E., & Stange, K. C. (2013). The dynamic sustainability framework: addressing the paradox of sustainment amid ongoing change. *Implement Sci*, 8(1), 117

Tier: Tier 1

1819 School Improvement Plan 2.0

Sault Area High School

Activity - Restorative Justice PD	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
School leaders will strive to receive a better understanding of schools that incorporate RJ and the tools available to support students.	Professional Learning	Tier 2	Getting Ready	08/06/2018	06/04/2021	\$2000	Title II Part A	ask

Strategy 2:

PBIS - School-wide Positive Behavior Interventions and Supports is a systems approach to establishing the social culture and behavioral supports needed for all children in a school to achieve both social and academic success. PBIS is not a packaged curriculum, but an approach that defines core elements that can be achieved through a variety of strategies. Intervention Specialists, counselors, administrators and teachers will work together to create systems that work for students and promote student success.

Category: School Culture

Research Cited: Lehr, C. A., Hansen, A., Sinclair, M. F., & Christenson, S. L. (2003). Moving beyond dropout towards school completion: An integrative review of databased

interventions. School Psychology Review, 32(3), 342-364.

Tier: Tier 2

Activity - Tier 1 Mental health Support	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Counselors in grades 2-12 will institute a Tier I behavior program that helps all students understand social norms and expected behavior at the student's grade level.	Behavioral Support Program	Tier 2	Getting Ready	08/01/2018	06/04/2021	\$20000	Section 31a	ask

Goal 6: All students will have knowledge and skills to be a responsible citizen and aware of cultures in a changing world.

Measurable Objective 1:

85% of All Students will demonstrate student proficiency (pass rate) on skills and strategies in Social Studies in Social Studies by 06/05/2020 as measured by quarterly assessments and semester exams..

Strategy 1:

Student questioning and formative assessment - Students will learn how to question documents, informational graphics and text to support theories on history, geography, and governments.

Category: Social Studies

Research Cited: CCSS Literacy Standards

formative assessment

Sault Area High School

© 2019 Advance Education, Inc. All rights reserved unless otherwise granted by written agreement.

1819 School Improvement Plan 2.0

Sault Area High School

Tier: Tier 1

Activity - Primary sources training for SS Teachers	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will engage in training on how to structure lessons o that include online resources such as the National Archives, Social Studies book project, etc.	Professional Learning	Tier 1	Implement	08/30/2018	06/05/2020	\$5000	Title II Part A	dsa, ss plc team

Activity - Professional Learning Communities Social Studies	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will participate in the DuFour Model of professional learning. All four components will be used to maximize student achievement in the social studies area	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$1000	Title I Schoolwide	dsa, ss plc

Measurable Objective 2:

85% of All Students will demonstrate student proficiency (pass rate) on skills and strategies in World Languages in World Languages by 06/05/2020 as measured by Illuminate quarterly and semester assessments...

Strategy 1:

Language Acquisition using multisensory techniques - Teach the language using multiple input/output strategies — visual, auditory, tactile, and kinesthetic.

Use several learning channels simultaneously (listening, speaking, reading, writing, and mnemonic devices for memory). Research findings suggest that hearing, seeing, and saying a word (concept) simultaneously enhances memory.

When teaching new sounds and symbols, teach only one or two at a time. In teaching a new or unfamiliar sound, ask the student to imitate the teacher's modeling of mouth movements and to trace the letter pattern while saying and spelling the sound. (For a comprehensive description of the approach, see Sparks, Ganschow, Kenneweg, & Miller, 1991; Sparks & Miller, 2000.)

Use visual aids when appropriate. Examples are picture clues for words, hand and mouth movements to illustrate a sound, or color coded endings to illustrate gender and subject/verb agreement.

Category: Other - World Language

Research Cited: earch Cited: http://www.ldonline.org/article/Assisting_Students_with_Foreign_Language_Learning_Difficulties_in_School?theme=print

Tier: Tier 1

Activity - Foreign Language PLC	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Regional teachers will engage in PLC meetings under the direction of Dr. Gordon to enhance teaching strategies for struggling learners.	Professional Learning	Tier 1	Monitor	08/27/2018	06/05/2020	\$1000	Title II Part A	dsa, building principals

1819 School Improvement Plan 2.0

Sault Area High School

Activity - World Languages Conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Implementation of active learning and immersion into languages other than English	Curriculum Development	Tier 1	Implement	08/27/2018	09/06/2019	\$1500	Title II Part A	sherman

Goal 7: All students will have the STEM skills to be competitive in college, the workforce and/or in civic life.

Measurable Objective 1:

85% of All Students will demonstrate a proficiency MSTEP Science in Science by 06/04/2021 as measured by MSTEP Science.

Strategy 1:

NGSS - National Research Council's Framework for K-12 Science Education and the Next Generation Science Standards implementation and understanding to promote scientific thinking in all students..

Standards? Invitational Research Symposium on Science Assessment, K-12 Center at ETS.

Moon, J., Passmore, C., Michaels, S., & Reiser, B. J. (2014). Beyond Comparisons of Online Versus Face-to-Face PD. Journal of Teacher Education, 65(2), 172-176.

Michaels, S. & O'Connor, C. (2015). Conceptualizing Talk Moves as Tools: Professional Development Approaches for Academically Productive Discussions. In Resnick, L.B., Asterhan, C. and Clarke, S.N. Socializing Intelligence through Talk and Dialogue. Washington DC: American Educational Research Association, pp. 333-347.

Category: Science

Research Cited: Reiser, B. J. (2013). What Professional Development Strategies Are Needed for Successful Implementation of the Next Generation Science

Tier: Tier 1

Activity - PLC Science	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Elementary & Secondary science teachers will participate in PLC to review and practice teaching the NGSS. A focus will be based on the EQuIP rubrics to ensure quality lesson design	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$1000	Title II Part A	ask

Activity - MI science conference	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
attend the Michigan Science Teachers conference to expand ideas and strategies to meet the rigorous NGSS.	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$800	Title II Part A	ask

Strategy 2:

formative assessment - "Formative assessment is a deliberate process used by teachers and students during instruction that provides actionable feedback that is used to adjust ongoing teaching and learning strategies to improve students' self- assessment, reflection, and attainment of curricular learning targets/goals"" (Smarter Balanced Assessment Consortium, 2013). Formative assessment process builds students' metacognition, increases students' motivation, resulting in self-regulated, lifelong learners. Some common classroom formative assessments include: summaries, quick-writes, reflections, checklists, charts, graphic organizers, visual representations, and short quizzes. In recent years, many districts and schools have implemented common formative assessments based on content standards." - formative assessment will be used with science, social studies, mathematics and ela.

Category: School Culture

Research Cited: Nicol, D. and D. MacfarlaneDick. "Formative Assessment and SelfRegulated Learning: A Model and Seven Principles of Good Feedback Practice." Studies in Higher Education, 31:2, April 2006. p. 7.

<http://www.psy.gla.ac.uk/~steve/rap/docs/nicol.feedback.pdf>

Tier: Tier 1

Activity - PLC Science	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will focus their learning around the impact of Formative Assessment and how to increase the use of formative assessment	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$500	Title II Part A	ask

Activity - FAME	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teacher coaches will participate in the FAME project to improve use of Formative assessment through a cognitive coaching model.	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/05/2020	\$1800	Title II Part A	ask

Measurable Objective 2:

A 3% increase of All Students will increase student growth in Mathematics by 06/04/2021 as measured by map math .

Strategy 1:

math intervention - tervention tools like Number Worlds and Math 180 will be used to meet student needs. Students are identified through the district screening process.

Category: Mathematics

Research Cited: McLaren, B. M., Lim, S., & Koedinger, K. R. (2008). When and how often should worked examples be given to students? New results and a summary of the current state of research. In B. C. Love, K. McRae, & V. M. Sloutsky(Eds.), Proceedings of the 30th Annual Conference of the Cognitive Science Society (pp. 2176-2181). Austin, TX: Cognitive Science Society.

Cognitive Science Society.

Pashler, H., Bain, P., Bottge, B., Graesser, A., Koedinger, K., McDaniel, M., & Metcalfe, J. (2007). Organizing instruction and study to improve student learning (NCER 2007-2004). Washington, D.C.: National Center for

1819 School Improvement Plan 2.0

Sault Area High School

Education Research, Institute of Education Sciences, U.S. Department of Education. Retrieved from <http://ncer.ed.gov>.

Tier: Tier 2

Activity - intervention services	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers and paraprofessionals will use the identified intervention with students to get students to meet their growth targets on MAP math	Academic Support Program	Tier 2	Implement	08/27/2018	06/04/2021	\$125000	Title I Part A	ask
Activity - aleks professional development	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional Development for ALEKS	Academic Support Program, Professional Learning	Tier 2	Getting Ready	08/01/2018	06/07/2019	\$800	Title II Part A	ask
Activity - aleks individual learning	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will use ALEKS PPL and 9-12 SAT Prep to increase student math proficiency.	Academic Support Program	Tier 2	Implement	06/01/2018	06/04/2021	\$8000	Section 31a	ask
Activity - math plc at work	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Improve the quality of PLC team dynamics and the focus on improving student outcomes.	Professional Learning	Tier 1	Implement	07/01/2018	04/02/2021	\$2000	Title II Part A	ask
Activity - foundations of math	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Foundations of Math is a research-based 5-day training course for all educators of students with special needs (K-12). The course is designed to develop instructors' knowledge of the mathematics they teach by seeing mathematics through the lens of a well-delineated number sense.	Supplemental Materials, Technology, Professional Learning	Tier 2	Getting Ready	07/01/2018	06/04/2021	\$1200	Title II Part A	ask

Measurable Objective 3:

100% of All Students will achieve college and career readiness in Mathematics by 06/04/2021 as measured by Advanced Placement.

1819 School Improvement Plan 2.0

Sault Area High School

Strategy 1:

ap institute - Increase AP Course Rigor to Meet College Standards - Teachers will learn how to evaluate the rigor of their AP Courses and ensure students acquire the essential

learning and delivery skills needed in Advanced Placement

Category: Career and College Ready

Research Cited: Cited: <https://www.ecs.org/advanced-placement-access-and-success-how-do-rural-schools-stack-up/>

Tier: Tier 1

Activity - ap institute	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will get the PD on how to up the rigor of their AP courses to improve student outcomes and most importantly college success.	Professional Learning	Tier 1	Getting Ready	06/14/2018	06/04/2021	\$5000	Title II Part A	ask

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

No Funding Required

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
data monitoring	Data cycles, dates, and reports are chosen. The reports are ran, analyzed, and distributed to the proper stakeholders to ensure next steps are taken.	Recruitment and Retention, Behavioral Support Program, Academic Support Program, Technology	Tier 2	Monitor	08/27/2018	06/12/2020	\$0	attendance officer, assistant principal, counselors, and at-risk coordinator

Title I Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
intervention services	Teachers and paraprofessionals will use the identified intervention with students to get students to meet their growth targets on MAP math	Academic Support Program	Tier 2	Implement	08/27/2018	06/04/2021	\$125000	ask

Section 31a

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
aleks individual learning	Teachers will use ALEKS PPL and 9-12 SAT Prep to increase student math proficiency.	Academic Support Program	Tier 2	Implement	06/01/2018	06/04/2021	\$8000	ask
SLO Professional Development	All teachers will work collaboratively to establish SLOs.	Professional Learning	Tier 1	Getting Ready	08/24/2016	06/12/2020	\$2000	ASK

1819 School Improvement Plan 2.0

Sault Area High School

Boot Camp SAHS	Teachers will create a learning opportunity for students entering the high school through a series of stations.	Community Engagement	Tier 1	Implement	08/23/2018	09/01/2020	\$2000	sherman - SAHS staff
Tier 1 Mental health Support	Counselors in grades 2-12 will institute a Tier I behavior program that helps all students understand social norms and expected behavior at the student's grade level.	Behavioral Support Program	Tier 2	Getting Ready	08/01/2018	06/04/2021	\$20000	ask

General Fund

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
SPARK	Exercise before learning provides an unparalleled stimulus, creating an environment in which the brain is ready, willing, and able to learn. Aerobic activity has a dramatic effect on adaptation, regulating systems that might be out of balance and optimising those that are not.	Behavioral Support Program	Tier 1	Monitor	09/04/2018	06/12/2020	\$2000	ask

Title I Schoolwide

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Learning Communities Social Studies	Teachers will participate in the DuFour Model of professional learning. All four components will be used to maximize student achievement in the social studies area	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$1000	dsa, ss plc

Title II Part A

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
springboard PD Modules	Learn the key skills needed to pass the SAT/PSAT assessment	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/04/2021	\$1200	ask
ap institute	Teachers will get the PD on how to up the rigor of their AP courses to improve student outcomes and most importantly college success.	Professional Learning	Tier 1	Getting Ready	06/14/2018	06/04/2021	\$5000	ask

1819 School Improvement Plan 2.0

Sault Area High School

School Improvement Conference	SITs will attend the School Improvement Conference to learn how to use the new tools in the software to increase internal awareness and assets for improved student achievement	Parent Involvement	Tier 1	Implement	08/26/2018	06/12/2020	\$2000	DSA
World Languages Conference	Implementation of active learning and immersion into languages other than English	Curriculum Development	Tier 1	Implement	08/27/2018	09/06/2019	\$1500	sherman
PBIS Secondary -	training for secondary teams on the planning of the system and implementation success at the secondary level.	Behavioral Support Program	Tier 1	Getting Ready	08/27/2018	06/01/2020	\$800	admin, buldiing teams, and DSA
Rounds	Teachers will learn through the lesson study component of Instructional rounds.	Teacher Collaboration, Professional Learning	Tier 1	Implement	07/01/2016	06/30/2020	\$2000	Sherman
Thoughtful Classroom Teachers	I teachers will have the opportunity to learn the language and techniques described in the research behind the Thoughtful Classroom rubrics.	Professional Learning	Tier 1	Getting Ready	07/01/2016	07/01/2017	\$10000	ASK
math plc at work	Improve the quality of PLC team dynamics and the focus on improving student outcomes.	Professional Learning	Tier 1	Implement	07/01/2018	04/02/2021	\$2000	ask
FAME	Teacher coaches will participate in the FAME project to improve use of Formative assessment through a cognitive coaching model.	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/05/2020	\$1800	ask
MI science conference	attend the Michigan Science Teachers conference to expand ideas and strategies to meet the rigorous NGSS.	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$800	ask
Rounds	eachers will learn through the lesson study component of Instructional rounds.Sc	Teacher Collaboration, Professional Learning	Tier 1	Implement	09/01/2016	06/30/2020	\$2000	Sherman
Thoughtful Classroom Admin	ll administrators will participate in four days of training on therubrics designed for classroom practice.	Professional Learning	Tier 1	Getting Ready	07/01/2016	07/01/2017	\$20000	ASK
FAME	Teacher leaders will participate in FAME to learn how to coach around topics such as Formative Assessment	Teacher Collaboration, Professional Learning	Tier 1	Getting Ready	07/02/2018	06/04/2021	\$5000	ask

1819 School Improvement Plan 2.0

Sault Area High School

Primary sources training for SS Teachers	Teachers will engage in training on how to structure lessons o that include online resources such as the National Archives, Social Studies book project, etc.	Professiona l Learning	Tier 1	Implement	08/30/2018	06/05/2020	\$5000	dsa, ss plc team
Michigan Music Conference	The head music teacher will attend the Michigan Music conference to learn about using the full creative process in composition of music to meet the third component of the MMC requirements in VPAA.	Professiona l Learning	Tier 1		08/30/2018	06/05/2020	\$1200	music staff
PLC Science	Teachers will focus their learning around the impact of Formative Assessment and how to increase the use of formative assessment	Professiona l Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$500	ask
Foreign Language PLC	Regional teachers will engage in PLC meetings under the direction of Dr. Gordon to enhance teaching strategies for struggling learners.	Professiona l Learning	Tier 1	Monitor	08/27/2018	06/05/2020	\$1000	dsa, building principals
aleks professional development	Professional Development for ALEKS	Academic Support Program, Professiona l Learning	Tier 2	Getting Ready	08/01/2018	06/07/2019	\$800	ask
SAT/SPAT data dig	Use the data from Cpllege Board to positively impact students in the classroom by aligning lessons to individual student needs.	Professiona l Learning	Tier 1	Getting Ready	08/06/2018	06/04/2021	\$2000	ask
Michigan Art Conference	Attend the conference to learn about self directed application of the creative process train all of the VPAA art instructors.	Professiona l Learning	Tier 1	Implement	08/30/2018	06/05/2020	\$1200	anne clayton
foundations of math	Foundations of Math is a research-based 5-day training course for all educators of students with special needs (K-12). The course is designed to develop instructors' knowledge of the mathematics they teach by seeing mathematics through the lens of a well-delineated number sense.	Supplemen tal Materials, Technology , Professiona l Learning	Tier 2	Getting Ready	07/01/2018	06/04/2021	\$1200	ask

1819 School Improvement Plan 2.0

Sault Area High School

Restorative Justice PD	School leaders will strive to receive a better understanding of schools that incorporate RJ and the tools available to support students.	Professional Learning	Tier 2	Getting Ready	08/06/2018	06/04/2021	\$2000	ask
Positive School Climate	Develop a plan to introduce the work of Positive School Climate to their school staff Develop a plan for establishing a critical data point for staff to rally around related to this work Identify additional steps to take to address staff-buy in Articulate the “big ideas” related to behavior and the adolescent brain Determine how to complete an audit of current behavioral support practices	Behavioral Support Program, Professional Learning	Tier 1	Monitor	07/01/2016	06/11/2021	\$2400	Administrators, building teams
PLC ELA & SS	The Social studies and ELA teachers will research and learn about students that struggle with the thinking required to thoroughly read a complex piece of text.	Professional Learning	Tier 1	Getting Ready	08/27/2018	06/04/2021	\$1000	ask
PLC Science	Elementary & Secondary science teachers will participate in PLC to review and practice teaching the NGSS. A focus will be based on the EQuIP rubrics to ensure quality lesson design	Professional Learning	Tier 1	Implement	08/27/2018	06/05/2020	\$1000	ask

School Improvement Grant (SIG)

Activity Name	Activity Description	Activity Type	Tier	Phase	Begin Date	End Date	Resource Assigned	Staff Responsible
VPAA CRT	Teachers from the EUP will organize to study the creative process within their programs.	Professional Learning	Tier 1	Implement	10/27/2016	06/05/2020	\$500	dsa, vpaa staff