

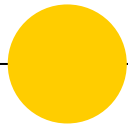
Exceptional⁺



ANN ARBOR PUBLIC SCHOOLS

Summer School 2018

Report to the Board of Education
April 2018





Summer School Attendance in 2017

Elementary Summer Learning Institute (SLI)

- 400 Students Attended SLI in 2017
 - 156 in Session One
 - 156 in Session Two
 - 88 in Fractions Academy

Secondary Summer School

- 90 middle school students attended
- 32 incoming 9th graders participated in Academic Youth Development (AYD)
- 700 students earned high school credit in 2017
 - 354 students earned credit on site
 - 314 students earned credit online
 - 32 students earned credit through community resource options*

***Approved independent study supervised by a university instructor; component of extended learning at Community High School.**



Summer School Enhancements

Elementary
School

Middle
School

Academic
Youth
Development

High
School

Supported by principal, literacy and math specialist



Student Intervention and Support Services (SISS)

Westerman Preschool & Family Center: July 2-27

- ◉ Preschool Extended School Year (ESY)
- ◉ Preschool to Kindergarten Transition

King: July 2-27

- ◉ Extended School Year (ESY)
- ◉ Project Read



Elementary Summer School

Session I: July 9 - July 20 (2 weeks)

- Summer Learning Institute (SLI) for current Grades 1 & 2

Session II: July 23 - August 3 (2 weeks)

- Summer Learning Institute (SLI) for current Grades 1 & 2
- Fractions Academy for current Grade 3



Overview of Elementary Summer Learning Institute (SLI)

Successful and Enduring SLI Practices

1. Fractions Academy
2. Learning For All
3. Integrated Project Time
4. Technology Infused Opportunities
5. Enhanced Community Partnerships



Daily Small Group Instruction

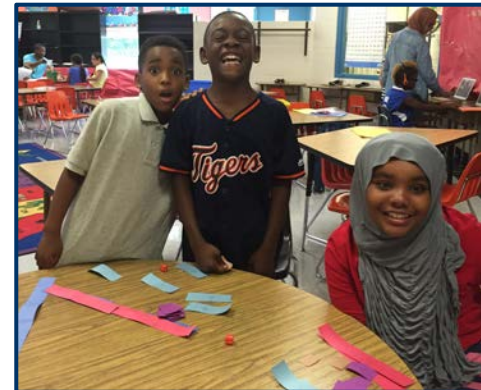


Fractions Academy

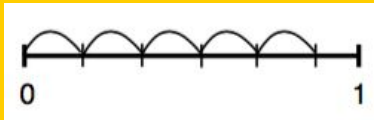


Student Launching Glider

- Targeting Current Grade 3 Students
- One 2-Week Academy in 2018 July 23–August 3
- Targeted Instructional Focus
 - *Fractions as equal parts of a whole*
 - *Equivalent fractions*
 - *Fraction comparisons*
 - *Multiple representations*
 - *Mathematical discussions*
- Project Lead the Way Module “*The Science of Flight*”



Students Working with Fraction Strips





Learning for All

- Co-Teaching Model = Math and ELA lead teacher pair in every classroom
- University of Michigan ELMAC Interns - long established partnership
- 10 hours of professional development plus book club participation
- Learning extends beyond the program--taken back to our school communities!



SLI Teachers, Interns, Professors, Coaches, Teaching Assistants, Office Professional, and Principal



Integrated Project Time

- Project Based Instruction
- Student Driven
- Content and Language Rich
- Hands-On & Engaging
- Integrated Science, Social Studies, and English Language Arts

2017 Theme: Understanding plant structure and function; Connecting to how citizens can help others who live in food deserts

2018 Theme: Understanding birds of prey; Connecting to how citizens can take action to help injured animals



Students designing model prosthesis for injured birds

- [SLI 2016 Video Summary](#)
- [SLI & Fractions Academy 2017 Video Summary](#)

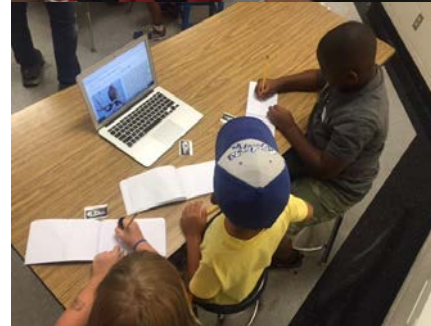


Technology Infused Opportunities

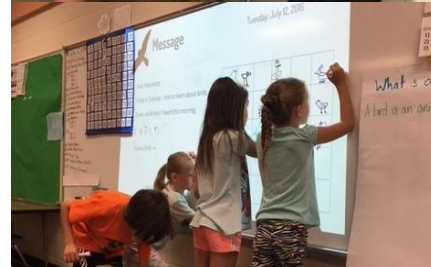
- Rotational Model
 - Students engage daily with ELA and Math on individualized learning tasks
 - Lexia
 - ConnectED
 - *Year-long licenses*
- Multiple Devices and Platforms
 - iPads, MacBooks, eBeams, Sound Fields, Projectors, Ladibugs
- Use of technology present during all instruction
 - Whole group, Individual, Small Groups



Individualized Learning Tasks



Small Group Research



eBeams in Action



Enhanced Community Partnerships

*Ann Arbor District Library:
Book Give-Away*



*Foster Grandparents
with SLI Friends*



*High School and College
Student Volunteers*



*Leslie Science Center
Presentations*





Enrollment Trends

Student Enrollment Data	2015	2016	2017
Students Invited Who Qualified	400	457	412
Students - Accepted/Enrolled	300	440	403
Students - Completed Program	211	432	380
Students - Declined Enrollment	100	17	9

- **161 students with Perfect Attendance**
- Program completion has improved from 70% in 2015 to 95%+ in 2016 & 2017
- Families had flexibility to choose which dates to attend
- Full day programming supported needs of community
- Reducing number of days increased ability to attend
- New child care option

Other Important Numbers

Number of Staff: 22

Number of Volunteers: 25

Number of Interns: 25

Number Hours in Classroom Instruction: 60 hours

Number of Students Expected in 2018: 468



Elementary Summer School



Challenges

- Finding ways to support students who decline
- Limited number of seats in Fractions Academy
- Leveraging opportunities for instructional rounds

Next Steps

- Establishing class lists and bus routes
- Family Informational Meeting May 30th at Allen Elementary
- Continuing professional development for staff
- Building connections with Community Centers
- Pursuing a child care option for after-care



Summer School Enhancements

Elementary
School

Middle
School

Academic
Youth
Development

High
School

Supported by principals, media specialist, and counselor



Middle School Summer Opportunities

Session I: July 9 - July 20

- ELA Camp for current Grades 5-8
- Math/PLTW Camp for current Grades 5-7

Academic Youth Development (AYD) at EMU for current Grade 8: July 9 - July 27

Session II: July 23 - August 3

- ELA Camp for current Grades 5-8
- Math/PLTW Camp for current Grades 5-7



Middle School Summer Redesign



Where we were

- Great teachers!
- Course prep

Where we are now

- Great teachers!
- Day Camps
 - core skills
 - mindset discussions
- Build skills to set students up for success in their next course



Middle School English Language Arts Camp

- ◉ Day Camp serving 180 current 5th–8th graders
- ◉ Co-taught by ELA, SPE and SS teachers
- ◉ Walking field trips
- ◉ Activities/routines:
 - Interactive read aloud with model text
 - Independent reading, skill building, and library visits
 - Creative writing and writing about reading
 - Families invited to a celebration of reading & writing



Middle School Math/ Project Lead The Way (PLTW) Camp

- Day Camp serving 180 current 5th-7th graders
- Co-taught by 1 math and 1 PLTW teacher
- Skill-based practice using Dreambox/Delta Math, individualized to work on improving current skill sets
- Math project, introducing new project content
- PLTW engages students with engineering and application-based mathematics instruction and activities





Community Center Opportunities

Plan in place for:

- Hikone
- Bryant
- Green Baxter

Working on plans with:

- Avalon sites
- Pine Lake
- Arrowwood
- Ann Arbor Community Center
- Peace Neighborhood Center



The community centers had students on Dreambox for a total of 39,900 minutes (665 hours) in the summer of 2017



Summer School Enhancements

Elementary
School

Middle
School

Academic
Youth
Development

High
School

Supported by principals, media specialist, and counselor



Academic Youth Development

- Day Camp serving 60 current 8th graders on EMU's campus
- Designed for students entering Algebra 1 and Algebra 1B
- Growth Mindset
- College connections
- 0.5 high school elective credit



Reference: [Agile Minds](#)

<https://www.youtube.com/watch?v=WDoeSW92fIU>



Summer School Enhancements

Elementary
School

Middle
School

Academic
Youth
Development

High
School

Supported by principals, media specialist, and counselor



High School Credit Enrollment Summer 2017

Student Enrollment Data	High School	Blended Online	Community Resource*	Total
Math	158	89	3	250
Science	31	15	0	46
English	68	20	1	89
Social Studies	55	44	2	101
Health/PE	12	139	13	164
World Language	0	3	10	13
Other	30	4	3	37
Total	354	314	32	700

*Approved independent study supervised by a university instructor;
component of extended learning at Community High School.



High School Algebra 1, Geometry, and Algebra 2

- ◉ Desmos and other online activity
- ◉ [Three-Act videos](#): practical application of mathematics
- ◉ Math Assessment Project group instructional tasks
- ◉ Algebra by Example and other error analysis
- ◉ Homework with Assisments, followed by in-class technology and other error analysis
- ◉ Introduction to Khan Academy & link to PSAT experience





Algebra 1 Options



Waive tuition for Algebra 1 students (.5 credit) who did not receive credit:

- 47 Students earned Algebra 1A credit in 2017
- 41 Students Algebra 1B and Algebra 1AC credit in 2017



Summer School English:

Build skills and recover credit



- Students will focus on building foundational skills
 - Coursework will emphasize power standards to set students up for success in their next course
- Develop personalized learning plan for each student using six performance tasks, Lexile & PSAT/SAT
 - Close Reading
 - Literary Analysis
 - Research/Inform/Explain
 - Argue/Persuade
 - Creative Writing
 - Speaking & Listening



Summer Online Options/Blended Learning

- Self-paced learning options that adjust to individual student schedules
- Opportunities to accelerate and continue learning
- Facilitates schedule flexibility by allowing students to complete graduation requirements
- Scholarships are available for students who demonstrate need



Secondary Summer School



Challenges

- Ensuring students are recovering credit for graduation
- Sometimes students aren't able to participate in summer learning opportunities: competition with work, athletics, family, etc.
- To ensure we are engaging students in rigorous preparation for future success

Next Steps

- HS Informational Meeting **June 13**
- MS Informational Meeting **June 12**
- On-site counselor & librarian
- Monitor success into the year
- Parent workshops introducing PSAT/SAT for 2018 and link to Khan Academy



English Learners

Funded through Title III

Summer ESL Academy at Scarlett for current grades 3-7

- ◉ Reading, writing & speaking English through an integrated science/social studies curriculum

EL at Thurston for current grades 3-5

- ◉ Partners with the Leslie Science Center for a science-theme morning camp **June 18-29**

EL at Clague for current grades 5-8

- ◉ Special projects in reading, writing, speaking, listening, math, science, social studies



Building-Based Summer Programs

*Funded through Title I**

- **Abbot Elementary:** TBD
- **Allen Elementary:** June 26–August 23
- **Bryant Elementary:** July 9 to August 2
- **Carpenter Elementary:** July 9–July 26; current Grades K, 3, 4
- **Dicken Elementary:** August 6–August 17, Mon–Fri, 9 am – Noon; current Grade 1
- **Mitchell Elementary:** July 9 – August 3; current Grades PreK, K, 3, 4
- **Pattengill Elementary:** July 9 – August 2
- **Pittsfield Elementary:** July 23 – August 16; Mon–Thurs, 9 am – Noon
- **SLI at Scarlett Middle School:** July 9–27, 8 am – 1 pm, current Grades 5, 6, 7

***Title I eligible students are notified of their eligibility for the summer school.**



From Our Families

- ◉ *Thank you very much for this experience for our son. He has learned a LOT and really enjoyed it (which is kind of a miracle!). Please give our regards to his teachers, as well. Many thanks.*
- ◉ Thank you for a wonderful 2 weeks! My son enjoyed attending every day and said his "teachers were strict - but the good kind of strict" He saved his unfinished worksheets and has been working through them daily. Thank you for such a dedicated, organized, and thoughtful experience.



From Our Families

- ◉ *Thank you very much for this experience for our son. He has learned a LOT and really enjoyed it (which is kind of a miracle!). Please give our regards to his teachers, as well. Many thanks.*
- ◉ Thank you for a wonderful 2 weeks! My son enjoyed attending every day and said his "teachers were strict - but the good kind of strict" He saved his unfinished worksheets and has been working through them daily. Thank you for such a dedicated, organized, and thoughtful experience.