

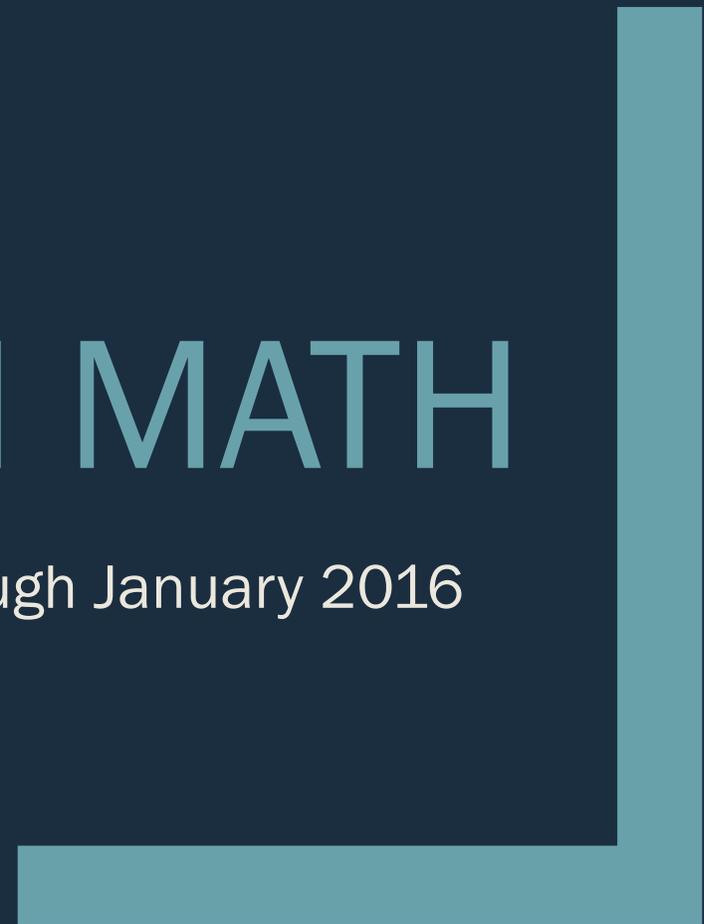


ACTIONS TO SUPPORT ACHIEVEMENT & GROWTH

Presented to MSD Education Committee
February 8, 2016

ACTIONS TAKEN IN MATH

Through January 2016



Math Support Teachers

- Data Review & Disaggregation
 - *PSSA/Keystone/PVAAS data*
 - *Local and diagnostic assessments*
 - Adjustments made to grade level scope & sequence
 - Math content strands developed according to eligible content
- Meetings with administrators, other math coordinators, and teachers to review results and adjustments
- Contact with other districts, and with vendors for core and for supplemental resources
- Identification of appropriate professional development sessions

Grades K-4: Assessment & Instruction

- Enhanced the current core resource through:
 - *The modification of unit assessments to make them more PA Core-aligned*
 - *The development of formative assessments for complex problem solving*
 - *The incorporation of grade level scaffolded fact fluency practice/assessment procedures*
- Teachers in grades 3 and 4 have administered the Classroom Diagnostic Tools (CDTs) twice, and followed up with data review
- Teachers from grade 4 will participate in the MCIU Math Design Collaborative for elementary teachers

Grades K-4: Resources

- Reviewing PA Core-aligned resources
 - *Opportunity for teachers at each building to review two potential resources and offer feedback*
 - Feedback to be reviewed and a proposal to be presented
 - *Adopt one of the two core resources in 2016-2017*
 - *Pilot the resources in 2016-2017*
 - *Parent survey regarding need for math information to be made available*
- Reviewing supplemental online resources as needed

Grades 5-9: Assessment & Instruction

- Grades 5 & 6 using Study Island benchmark assessments as a data point along with other local assessments
 - *Support for struggling students/After-school program offered for highest performing students*
 - *Regular review of formative assessments*
- Grade 6 teachers: Data & Statistics content workshop
- Teachers from grades 7 & 8 participating in MCIU Math Design Collaborative focused on formative assessment/Designing common assessments
- Online intervention for students in grade 9

Grades 5-9: Resources

- Grades 5 and 6
 - *Students, teachers, and parents are contributing input on the new math resource being used.*
 - *5th graders transitioned well into the new resource.*
- Grades 7 and 8
 - *Reviewing Core-aligned resources for pre-algebra, grade 7 and for Bridges, grade 8 to have in place 2016-2017.*
- Grade 9
 - *Students unsuccessful on Keystone take Foundations course three days of the cycle in addition to their daily math class.*
 - *Online adaptive intervention*

MCIU Math Support

- Offerings in areas such as:
 - *Math and the Pre-adolescent Brain*
 - *Engaging Students in Meaningful Mathematics*
 - *PSSA/Keystone Exam Item Writing and Hand-scoring Workshop*
 - *How the Brain Learns Math (K & 1st grade teachers)*
- Collaborative Math Program Review
 - *Visits from MCIU across schools*
 - *Focus groups and surveys with teachers, students, & parents*

ACTIONS TAKEN IN ELA

Through January 2016



Grades K-4: Curriculum, Instruction, & Assessment

- Classroom Diagnostic Tools (CDT) administration: Progress in skills proficiency
- *ACT Now* supplemental resource: Formative assessment; “Close reading” complex text
- Fountas & Pinnell Benchmark Assessments
- Rewriting curriculum for PA Core alignment/Skills based instruction & assessment
- Updated on-demand writing assessments
- Data reviews from RtII

Grade 5-6: Curriculum, Instruction, & Assessment

- Focus on common vocabulary and literacy in all subject areas
 - *ELA Committee Meetings*
 - *Ongoing PD with Andy Fishman, former Director PAWLP*
- Updated on-demand assessments
- *ACT Now* supplemental resource: Formative assessment; “Close reading” complex text in selected classrooms
- Regular data meetings

Grades 7-12: Curriculum, Instruction, & Assessment

- Common assessments
- Updated on-demand writing assessments
- Grades 7 & 8
 - *Focus on integration between ELA and other subject areas*
 - *Implementation of updated curriculum from summer work*
- Grades 9-12
 - *Implementation of seminar/skills course for 9th grade*
 - *Updated curriculum writing continues*

MCIU ELA Support

- Assessment Literacy Training at Arcola & MHS
- Critical Thinking and Text Dependent Questioning at MCIU
 - *Teachers grades 4 -8 December*
 - *Follow-up sessions February (teachers & reading specialists)*
- Balanced Literacy: Shared Reading & Guided Reading for principals & teachers
- PSSA/Keystone Item Writing & Hand-scoring Workshop at MCIU (Includes Methacton teachers delivering the information)
- Using technology for formative assessment (Inductees)