



Curriculum Update

Presentation to the Board of Education

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HASTINGS

Presentation Topics

- **2025-2026 Mathematics Action Steps (Recap)**
- **Secondary Mathematics Course Offerings & Progressions**
- **Intervention and Enrichment**
- **Course Prerequisites**
- **Course Placement**
- **Curriculum Work**

2025-2026 Action Steps

- Standardization of Google Classroom pages (Grade 7)
- Data analysis
 - Step 1: Assistant Superintendent for Curriculum & Instruction, Middle School Principal, Mathematics Department Chairperson
 - Step 2: Middle School Principal, general education mathematics teachers, special education teachers, mathematics interventionist
- Staffing shifts
- Additional mathematics interventionist
- 7th grade differentiated instruction survey to explore the possibility of additional enrichment
- Development of a multi-year plan and procurement of a proposal to backward map our mathematics curriculum

2025-2026 Action Steps-Continued

- Provide Supplemental 7th Grade Enrichment Opportunities
- Additional Mathematics Intervention
- Intervention Resource Pilot (+Training)
- MTSS Data Management Resource Pilot (+Training)
- Finalization of Advanced Placement Criteria into Algebra I
- Consideration of New Course Offerings
- Analysis and Modification of Pathways

2025-2026 Action Steps

HES

- Convening Elementary Mathematics Committee
- Numeracy Briefs Training and Turnkey Professional Learning
- Intervention Resource Pilot (+Training)

HHS

- Course Placement Protocol Development
- Examination and Adjustment of Prerequisite Criteria
- Consideration of New Course Offerings
- Analysis and Modification of Pathways

DRAFT

Secondary Mathematics Progressions

FMS & HHS

Intervention and Enrichment

- Secondary Mathematics Progressions: Enhancement of Pathways, Adjusted Course Offerings and Expansion of the Special Education Continuum
- Special Education: Addition of .4 FTE (.2 Geometry & .2 Algebra II)
- HHS: Addition of .6 FTE Mathematics with at least .4 of the .6 to intervention
- HHS: Principles of Geometry (formerly Math 2)
- HHS: Principles of Algebra II (formerly Math 3)
- FMS: Elimination of 7th & 6th Grade Enrichment
- FMS: Addition of Math 7 Accelerated Course and Math 6 Accelerated Course
- HES: Shift Math Extended Learning to Math Club (after school)

Course Prerequisites

Course	Former Prerequisite	New Prerequisite
Geometry	Class average of 85 in Algebra 1 for the year, a passing score on the Algebra 1 Regents exam and teacher recommendation.	Passing score on the Algebra Regents. Passing score in Algebra. Students scoring below a 75 in Algebra for the year and scoring below a 70 on the Regents who enroll in Geometry will also be enrolled in mathematics AIS.
Geometry Honors	A grade of 90 or higher in Algebra 1, a grade of 90 or higher on the Algebra 1 Regents exam and a teacher recommendation.	TBD
Algebra 2	A class and exam average of 85 or higher in Geometry and a teacher recommendation.	TBD
Algebra 2 Honors	A score of 85 or higher in Geometry Honors, or 95 or higher in Geometry, and a teacher recommendation.	TBD

Course Placement

[FMS Grade 7 Course Placement into Algebra I](#)

[HHS Course Placement Protocol](#)

Placement Criteria Still to be Developed:

- Grade 7 Accelerated
- 9th Grade Algebra I
- Grade 6 Accelerated (Subsequent School Year)

Subsequent Need for Refinement of the Program of Studies



Curriculum Work

2025-2026 Focus: FMS

Visioning and discussion with Mathematics teachers and leaders

- Exploring options and action planning with all stakeholders
- Defining pathways to Algebra using the NGMS
- Curriculum Mapping
- Embedded Coaching Days

Scope of work includes:

- Facilitation and Professional Learning Design and Delivery
- Next Generation Math Standards (NGMS) training where necessary
- Data Collection, Focus Group interviews, data analysis as necessary

Curriculum Work

Anticipated Future Areas of Focus (K-12)

K-12 Mathematics Committee: Curriculum inquiry resulting in decisions about mathematics resources

K-12 Professional learning related to the expansion of the special education continuum

K-12 State Required Financial Literacy Curriculum

- HHS -12th Grade Economics (2026-2027)
- FMS - 8th Grade FACS (2026-2027)
- HES - TBD (2027-2028)

HHS curriculum work associated with new courses and progressions

FMS curriculum work associated with continued embedded coaching, curriculum articulation training and curriculum articulation