

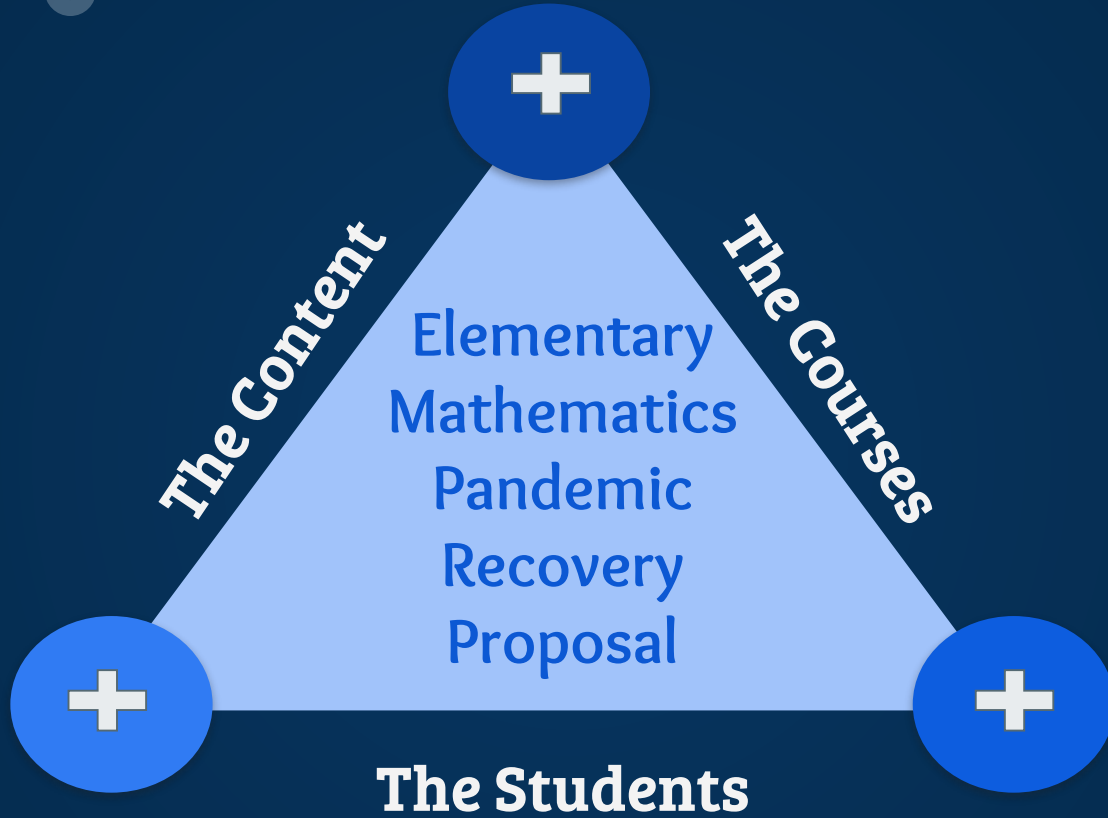
The background is a dark blue gradient with scattered light blue geometric shapes: squares, circles, and crosses. The text is centered in white.

April MCCPTA Engagement Event

Why Eureka Math?

BUILDS MATHEMATICAL THINKERS... NOT ANSWER-GETTERS

- Addresses major challenges found in the audit:
 - Fully aligned to the Maryland College and Career-Ready Standards
 - Provides the necessary rigor to teach standards in each grade level to their completion
 - Includes reliable, valid, aligned assessments
- Starts with concrete, builds to pictorial, and releases to abstract
- Increases student fluency over time
- Provides a common daily, research-based structure to math block from Kindergarten through grade five
- Serves all immersion needs (Spanish, Chinese, French)



The Students

**DRAFT
PROPOSAL**

Recovery: Expectations & Assumptions

DRAFT
PROPOSAL

Math instruction begins on day one of the school year.

Five days of math instruction is delivered each week.

Grade level students engage in grade level content.

Learning focuses on the major work of the grade & adds back supporting/additional work.

Recovery: The Content

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PROPOSAL

- **The Math:** Major work of the grade identified within the standards and prioritized by the state and nationally
- **The Time:** adjusted pacing each marking period so teachers can incorporate additional learning as students show a need
- **The Training:** summer training for teachers and leaders on how to use the time and curricular tools provided to incorporate unlearned or lost content

Recovery: The Students

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Foundational Learning
English Language Development
Social-Emotional Learning
Enriched Learning



Recovery: The Courses

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- Eureka Math grade level courses for most
- Retention minimized
- Acceleration and enrichment available at all levels

MCPS: PreK - 12 Mathematics Trajectories

Pre-K

Eureka Math

- Head Start
- Pre-K Gen Ed
- Pre-K Special Ed

K-5

Eureka Math

- Cluster grouping
- Structured, tiered enrichment

Grade 6-8

LZ/IM

- Math 6/7/8
- AMP 6+/7+
- (A)IM[Ⓞ]
- Algebra 1[Ⓞ]
- H. Geometry[Ⓞ]
- *MYP

Grade 9-10

MCPS[Ⓞ]

- LZ/IM Alg 1[Ⓞ]
- (Hon) Geo[Ⓞ]
- 2-Yr Algebra II
- (Hon) Algebra II
- (Hon) Pre-Calc
- AP Calc AB/BC
- Intro to Stats
- *OPTG

Grade 11

MCPS[Ⓞ]

- (Hon) Geo[Ⓞ]
- 2-Yr Algebra II
- (Hon) Algebra II
- (Hon) Pre-Calc
- Calc w/Application
- AP Calc AB/BC
- MV Calc/Diff Eqs
- Intro to Stats
- AP Stats
- IB Applications I
- IB Analysis I
- *AP/IB & Dual Enrollment

Grade 12

MCPS

- 2-Yr Algebra II
- (Hon) Algebra II
- (Hon) Pre-Cal
- Calc w/Application
- AP Calc AB/BC
- MV Calc/Diff Eqs
- Intro to Stats
- AP Statistics
- IB Applications II
- IB Analysis II
- College Course
- *AP/IB & Dual Enrollment

[Ⓞ]Algebra 1 and Geometry are Maryland State Department of Education graduation requirements. In order to meet the Algebra 1 graduation requirements, students must earn credit in an Algebra 1 course and pass the Algebra 1 Maryland Comprehensive Assessment Program (MCAP). Students must earn 1 credit with instruction in geometry, aligned with the content standards for geometry. Summer Program credit-bearing course