

# BOARD OF EDUCATION OF HARFORD COUNTY

## INFORMATIONAL REPORT

### DECISION ON ACTION REPORT FROM THE GENERAL CURRICULUM COMMITTEE HIGH SCHOOL MATHEMATICS TEXTBOOK REVIEW COMMITTEE

April 24, 2023

#### Background Information:

The Maryland College and Career Ready Standards for Mathematics (MCCR) are designed to guarantee college and career readiness opportunities for every student. Backward mapped from Algebra II to kindergarten, implementation of MCCR requires significant content and grade level shifts in mathematics education. Since 2006, *UCSMP Advanced Algebra* has been the primary resource for high school Algebra 2. The Algebra 2 resources were developed prior to the release of the MCCR standards. To supplement that resource, the Office of Mathematics created insert resources and lessons aligned to MCCR standards. For the past four years, the primary resource for Algebra 1 has been *Carnegie Learning, High School Math Solutions*.

In March 2023, the High School Mathematics Textbook Review Committee convened to examine and critique resources for high school Algebra 1 and Algebra 2. The committee was comprised of approximately 25 HCPS education professionals: high school mathematics teachers, special educators, instructional coaches, principals, assistant principals, and mathematics curriculum specialists. Over the course of three full days, the committee reviewed four different core mathematics programs using the Common Core State Standards (CCSS) Mathematics Curriculum Materials Analysis Project tools. The tools were designed to facilitate the rigorous study of critical mathematics content for each course with purposeful attention given to the Standards for Mathematical Practice and considerations for equity, technology, assessment, and ease of use.

The committee reviewed the following core mathematics programs:

- *Reveal Math*, McGraw-Hill Education
- *High School Math Solutions*, Carnegie Learning
- *Illustrative Mathematics*, Imagine Learning
- *enVisionmath*, Savvas Learning

Each publisher was allotted 90 minutes to showcase their program and then the committee was given time to study the materials in depth; recording findings on the CCSS tools documents. After all publisher presentations concluded and initial reviews completed, the committee examined data from the committee. Data indicated that two of the programs should be examined more closely. As the result of additional study and thoughtful reflection and discussion, the committee

recommended that *enVisionmath Algebra 1 and Algebra 2*, published by Savvas Learning Company, be approved for use for Algebra 1 and Algebra 2 classes in high school.

The committee is commended for their expertise, diligence, and commitment to this project.

Discussion:

At their April 18, 2023 meeting, the General Curriculum Committee approved the request from the Office of Mathematics to approve the adoption of *enVisionmath Algebra 1 and Algebra 2* published by the Savvas Learning Company for use in Algebra I and Algebra 2 classes in high school.

Requested Action:

The Superintendent of Schools recommends that the Board of Education approve the adoption of *enVisionmath Algebra 1 and Algebra 2*, published by Savvas Learning Company, as the system-wide resource for high school Algebra 1 and Algebra 2.