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GLOUCESTER COUNTY SCHOOL BOARD

The Thomas Calhoun Walker Education Center
6099 T.C. Walker Road Gloucester, Virginia 23061

SCHOOL BOARD AGENDA ITEM

MEETING DATE: THURSDAY, FEBRUARY 22, 2024

AGENDA SUBJECT: UPDATE TO THE PROGRAM OF STUDIES: ADVANCED MATH PATHWAYS
PROPOSED CHANGES

ATTACHMENTS: PRESENTATION SLIDES

TYPE OF AGENDA ITEM:

- CONSENT
- REGULAR
- DEPARTMENTAL REPORT/PRESENTATION

- INFORMATION ONLY – NO DISCUSSION
- INFORMATION ONLY – DISCUSSION
- ACTION

BACKGROUND/SUMMARY:

The newly adopted 2023 Mathematics Standards of Learning prompted a review of the GCPS advanced math pathways and course offerings. Our goal is to consider implications and develop a proposal for future years to ensure alignment, depth, and rigor.

REQUESTED ACTION: Approval of the proposed changes to the advanced math pathways

FOR MORE INFORMATION, CONTACT PRESENTER:

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Advanced Math Pathways Proposed Changes

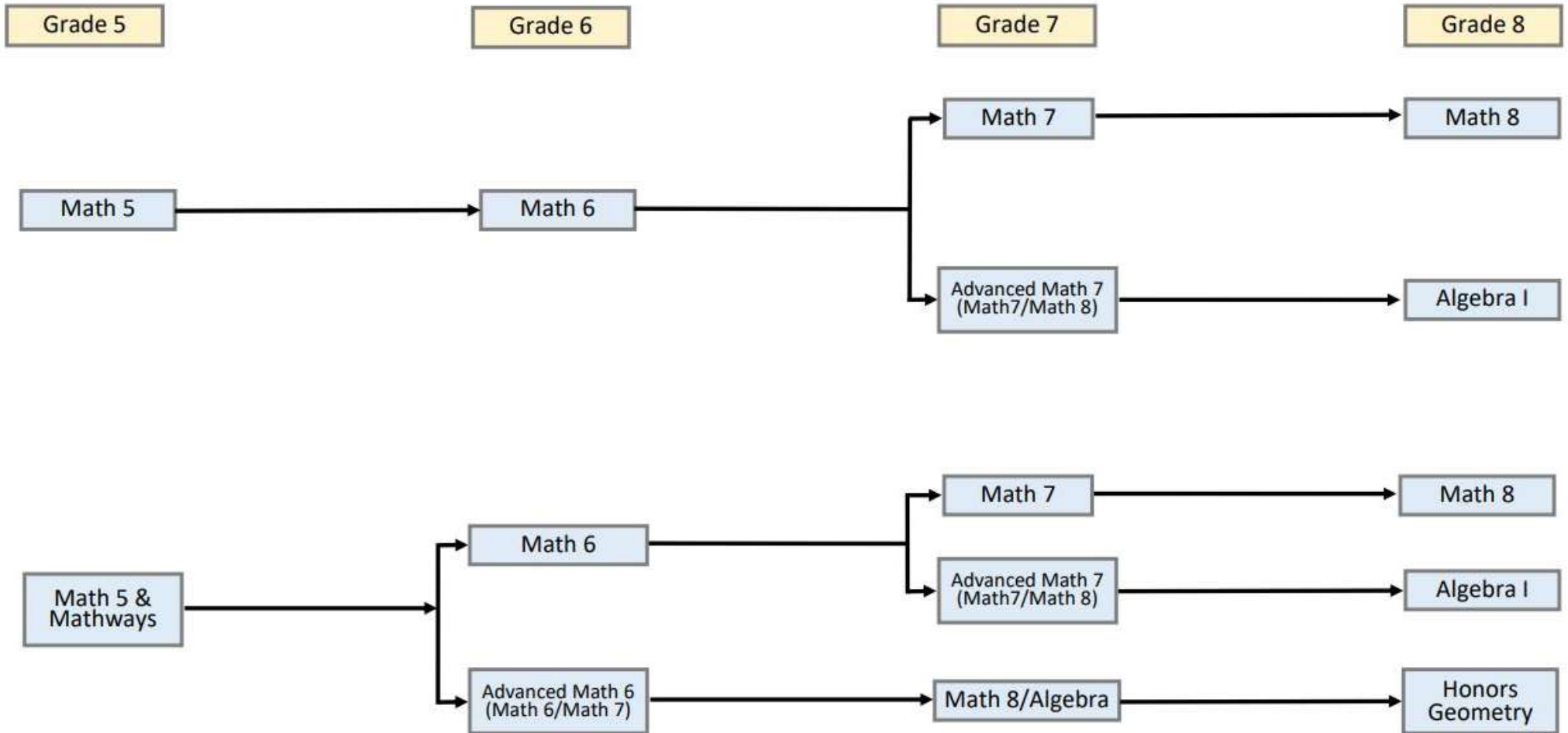
— Elementary and Middle Schools —

Rationale

- Feedback from counselors, teachers, families, and students supported a need for a change
 - Academic and developmental readiness
 - Approximately 85% retention rate in current 6th grade Advanced Math
 - Newly adopted 2023 Mathematics Standards of Learning
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Advanced Pathways Proposal

These are recommended pathways. Others may be possible.



Outcomes

- Improved student outcomes
 - Acceleration combines two courses rather than three
 - Increased depth, reduced breadth
 - Strong vertical alignment with new standards
 - Students can still complete Geometry in 8th grade
 - Prepares for enrichment opportunities (Governor's school, etc)
 - Multiple entry points for advanced courses
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Next Steps

- Upon Board approval, GCPS Math Specialists will convene a group of teachers to create course descriptions and develop curriculum guides and resources for:
 - Advanced Math 6
 - Math 8/Algebra 1
 - Inform school community and families of the new math pathways
 - Update GCPS Program of Study
 - Update all K-12 math curriculum to align with the newly adopted 2023 standards
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