

RECOMMENDED MATHEMATICS SEQUENCES (GRADES 8–12)

Important: Mathematics is a required course every year.



8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
If a student is taking 8th Grade Algebra in 8th grade, this is the recommended sequence for high school.				
8th Grade Algebra	Algebra I	Geometry	Algebra II	Pre-calculus
If a student is taking Algebra I in 8th grade, this is the recommended sequence for high school.				
Algebra I <i>EOC assessment</i>	Geometry	Algebra II	Pre-calculus <i>or</i> Accelerated Pre-calculus	AP Calculus AB <i>or</i> AP Calculus BC <i>or</i> AP Statistics
If a student is taking Accelerated Algebra I in 8th grade, this is the recommended sequence for high school.				
Accelerated Algebra I <i>EOC assessment</i>	Accelerated Geometry	Accelerated Pre-calculus	AP Calculus AB <i>or</i> AP Calculus BC <i>or</i> AP Statistics	Advanced Calculus II <i>or</i> Multivariable Calculus <i>or</i> Dual Enrollment
If a student is taking Accelerated Geometry in 8th grade, this is the recommended sequence for high school.				
Accelerated Geometry	Accelerated Pre-calculus	AP Calculus AB <i>or</i> AP Calculus BC	Advanced Calculus II <i>or</i> Multivariable Calculus <i>or</i> Dual Enrollment	Number Theory <i>or</i> Differential Equations <i>or</i> Dual Enrollment <i>or</i> AP Statistics

- Four units of mathematics are required for all students for graduation, including Algebra I, Geometry, and Algebra II, or their equivalent.
- Students will be placed in mathematics courses based on their achievement in the prerequisite course or local school decision.
- Students are required to participate in a state-mandated End of Course assessments to earn credit for Algebra I or equivalent.
- Gifted sections are designated by local schools.
- Additional fourth-year options also may be available based on local school offerings, including Statistical Reasoning, Advanced Mathematical Decision Making, Calculus, College Readiness Mathematics, and Mathematics of Finance. If AP Statistics is taken following Accelerated Geometry, students would then take Accelerated Pre-calculus and AP Calculus.
- See “State Math Course Alignment” documents for middle school and high school, available on the GCPS website, for Georgia Department of Education (GaDOE) course names.
- Special education students with an Individualized Education Program (IEP) should discuss math sequence options with their counselor.