



GWINNETT COUNTY PUBLIC SCHOOLS RECOMMENDED HIGH SCHOOL MATHEMATICS SEQUENCES

Important: Mathematics is a required course every year.

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

- 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 state-mandated End of Course assessments (indicated by EOC assessment) to earn credit for designated high school courses.
 - 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 as juniors and AP Calculus as seniors.
 - See “State Math Course Alignment” documents for 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.