



The GRACE mathematics program prepares all students for admission into four-year colleges and universities. All students are required to complete four math courses at the high school level. GRACE offers several options for students who wish to accelerate their academic progression in middle and high school. Students who are entering into a science department major in college should take Calculus during their high school career.

Determination for Sixth Grade Regular or Accelerated Math Track

Math course differentiation at GRACE begins in sixth grade. Rising sixth grade students will be selected for placement in a regular track or accelerated track based on their performance on the following at the end of fifth grade:

- Final grade in the math class;
- Standardized testing math scores;
- Pre-Algebra readiness test administered in May of the fifth grade year;
- Teacher recommendation

It is important to note that most students will follow the regular math track and that the sixth grade pre-algebra track is intended to provide an accelerated pace for students who are adept at abstract thinking, critical thinking, and problem solving and prepared for a more advanced curriculum.

Other Options for Math Course Acceleration

At the completion of sixth grade, rising seventh grade students and beyond may take an accredited, online math course (approved by the school) over the summer if they desire to accelerate to the next level of math for the upcoming school year.

Students may take two math classes in one year if the courses fit in their schedules - this works best with Algebra I and Geometry or Geometry and Algebra II. Certain electives or classes may be bumped to another year to enable students to accelerate, ex. PE.

Transfer students who have already taken a course may test out of the math level by taking the semester and final exams and achieving an A or B on these tests.

See math sequencing on the following chart:

Math Course Sequencing and Accelerated Track Options

	Regular Track	Accelerated Track	Double Accelerated Track
6 th	Math 6	Pre-Algebra	
7 th	Math 7 Pre-Algebra	Algebra I	(online class)
8 th	Pre-Algebra Algebra I	Geometry	(online class)
9 th	Algebra I Geometry	Algebra II	(online class)
10 th	Geometry Algebra II	Pre-Calculus Adv. Functions/Modeling	(online class) AP Statistics
11 th	Algebra II Pre-Calculus Adv. Functions/Modeling	AP Calculus AB AP Statistics Calculus & Statistics	Pre-Calculus AP Calculus AB
12 th	Pre-Calculus Calculus & Statistics AP Calculus AB AP Statistics	AP Calculus BC	