

Math Sequencing Options for Students who will be in the 12th grade in 2006-2007

ACA offers the following math courses for grades 6 – 12: Math 6, Math I, Math II, Pre Algebra, Algebra 1, Geometry, Algebra 2, Finite Math, Trigonometry/Pre Calculus, and AP Calculus AB.

SAT scores, performance in 6th grade math, and the 6th grade math teacher's recommendation are used to determine the initial course sequencing in which students are most likely to be successful in the 7th grade. To determine the sequencing option a student will follow after the 7th grade, find the grade and course the student is in at the present time.

Grade	Sequence 1	Sequence 2		Sequence 3	
6	Math 6	Math 6		Math 6	
7	Math I	Math II		Pre Algebra	
8	Math II	Pre Algebra		Algebra 1	
9	Pre Algebra	Algebra 1		Geometry	
10	Algebra 1	Geometry		Algebra 2	
11	Geometry	Algebra 2		Finite Math	Trig / Pre Calculus
12	Algebra 2	Finite Math	Trig / Pre Calculus	Trig / Pre Cal	Finite Math AP Calculus

Note:

- Four units of math are required in grades 9 – 12.
- Three of the four units must be Algebra 1, Geometry, and Algebra 2.
- Algebra 1 taken in the 8th grade will satisfy the Algebra 1 requirement but will not count as one of the 4 required units.
- Pre Algebra taken before the 9th grade will not count as one of the 4 required units.
- For an Advanced Diploma, the 4 units must include 3 of the following taken in grades 9 – 12:
Algebra 1, Geometry, Algebra 2, Finite Math, Trigonometry / Pre Calculus, AP Calculus
- Advancement within these sequences is possible only by being granted special permission to take both Geometry and Algebra 2 during the same year. Permission is granted by the Math Department chair in light of the student's performance in Pre Algebra and Algebra 1 and recommendations of the Pre Algebra and Algebra 1 teachers.