

# FAQs: AUSD Math Pathways for 2019-20

6	6th	
7	7th	7th and 8th Accelerated
8	8th	Algebra 1
9	Algebra 1	Geometry/Algebra 2
10	Geometry	Algebra 2 / Precalculus
11	Algebra 2 / Statistics	Precalculus / Calculus / Statistics
12	Precalculus / Statistics	Calculus / Statistics

## **According to the State of California Board of Education when should Algebra 1 be taken?**

The State Board of Education positioned Algebra 1 as a 9th grade course when the common core state standards were adopted. A student in Algebra 1 as an 8th grader is considered 1 year ahead of their grade level peers.

## **Is it possible to reach AP Statistics and AP Calculus by taking Algebra 1 as an 8th or 9th grader?**

Yes. On grade level student can access either AP Statistics or AP Calculus by the 12th grade. If an on grade level student wants access to AP calculus by 12th grade, AUSD will offer several acceleration options including summer courses at College of Alameda, dual enrollment in math courses in the 10th and 11th grade, and potentially a new Accelerated Algebra 2 course. This potential course would compact the Algebra 2 and PreCalculus standards into one course. This course enables mathematically ready and motivated students to reach AP Calculus by 12th grade.

## **How does my student qualify for the 7th and 8th grade accelerated class?**

Students are eligible for placement in accelerated classes based on their performance on four assessments given over the course of the year. Please see the document: [Math Acceleration in Middle School: Placement Process](#) for more details.

**What does this mean for my student currently taking grade level math 7?**

Students currently enrolled in CCSS 7th grade course (2018-2019) will either be placed in CCSS 8th grade course next year (2019-2020) or offered Algebra 1, based upon their performance on the assessments above and contingent on their making up missed content from CCSS Math 8.

**What does this mean for my 7th grade student currently taking Algebra 1?**

7th grade students who successfully complete Algebra 1 in the 2018-2019 school year will be able to take Geometry next year, 2019-2020, at the middle school level.

**When will we hear if my student has been offered a place in the accelerated class?**

Placement testing will be complete by mid April. Parents will be informed by mid May.

**Example pathways:**

**Grade level pathway leading to AP Statistics without need for accelerated courses**

6th	7th	8th	9th	10th	11th	12th
Course 1	Course 2	Course 3	Algebra 1	Geometry	Algebra 2	AP Statistics

**Grade level pathways leading to AP Calculus**

6th	7th	8th	9th	10th	11th	12th
Course 1	Course 2	Course 3	Algebra 1	Geometry	Algebra 2/Pre-Calculus Compressed	AP Calculus

6th	7th	8th	9th	Summer	10th	11th	12th
Course 1	Course 2	Course 3	Algebra 1	Geometry	Algebra 2	PreCalculus	AP Calculus

**Possible 7/8 accelerated pathways**

6th	7th	8th	9th	10th	11th	12th
Course 1	7/8 Accelerated	Algebra 1	Geometry	Algebra 2	Precalculus and/or AP Statistics	AP Calculus and/or AP Statistics

6th	7th	8th	9th	10th	11th	12th
Course 1	7/8 Accelerated	Algebra 1	Geometry & Algebra 2	PreCalculus	AP Calculus and/or AP Statistics	AP Calculus and/or AP Statistics

6th	7th	8th	Summer	9th	10th	11th	12th
Course 1	7/8 Accelerated	Algebra 1	Geometry	Algebra 2	PreCalculus	AP Calculus and/or AP Statistics	AP Calculus and/or AP Statistics