

HSArts Accelerated Math Pathway (AMP) for middle school and high school – 2nd draft (3-12-2020)

Starting with the 2020/21 school year, HSArts is offering an accelerated math pathway from 7th grade. The content standards outlined in the California Curriculum Framework for Mathematics have been compacted to ensure students have the prerequisite knowledge to be successful in high school math classes. The AMP allow students to obtain more AP credits including AP Calculus AB, AP Calculus BC, and AP Statistics in their high school years.

Class arrangement: The accelerated math classes will be scheduled as follows. Dual enrollment and approved summer classes could also be possible replacement for a specific class.

7th grade: Algebra I

8th grade: Geometry

9th grade: Algebra II

10th grade: Pre Calculus

11th grade: AP Calculus AB // AP Calculus BC

12th grade: AP Calculus BC & AP Statistics // Multivariable & AP Statistics

	SF public schools	HSArts Regular	HSArts APM
7th	Math 2	PreAlgebra	Algebra 1
8th	Math 3	Algebra 1	Geometry
9th	Algebra 1	Geometry	Algebra 2
10th	Geometry	Algebra 2	Pre Calculus
11th	Algebra 2	Pre Calculus	AP Calculus AB/BC
12th	Pre Calculus	AP Calculus AB/BC	AP Statistics

Selection process:

- The criteria for entrance into AMP are designed to identify high achieving and highly motivated mathematics students.
- The selection process uses two methods to identify students. 1. Students meeting either Criteria 1 or Criteria 2 will be eligible for 7th Grade Accelerated Mathematics. 2. Students meeting Criteria 3 with an accredited summer/online class.
 - Criteria 1: HSArts Math Acceleration Committee’s recommendation
 - Criteria 2: A solid A in 6th grade math with math teacher’s recommendation
 - Criteria 3: Pass HSArts placement test in the 1st week of fall quarter.

Class type: HSArts expect only high achieving and highly motivated math students to be entering to the AMP. The accelerated class size is designated to be no more than 2 students. It will be instructor-led in-class teaching combined with assigned eLearning materials.

Additional fee: Additional charges will be discussed at registration.

High Schooler to move onto accelerated Pathway: 8th graders and high school students can consider the following program in order to join the HSArts AMP.

- Dual Enrollment of 2 math classes in one year.
 - Enroll regular math class
 - Enroll the AMP class as additional in free period or after school/weekend schedule
 - Additional fee will apply
- Summer Program
 - Take lessons of next year's regular class from approved summer program
 - Obtain recommendation and transcripts from the summer program
 - Join AMP next quarter with additional fee
- Online Classes
 - Take accredited online classes
 - Register with AMP with additional fee
 - Arrange 1 on 1 tutoring (tutoring time required more than 1/3 of online class time)