



High School Mathematics Pathways 2024-2025

Traditional Pathway			
9 th grade	10 th grade	11 th grade	12 th grade
Algebra I or Honors Algebra I	Geometry or Honors Geometry	Algebra II or Honors Algebra II	Algebra III
*Algebra Extensions			Honors Pre-Calculus
			AP Pre-Calculus
			**Financial Literacy

Accelerated Pathway Options	
<i>In addition to our traditional pathway, we also offer several accelerated options. This will provide students the opportunity to enroll in courses during their junior and senior years that they may not be able to reach on the traditional pathway.</i>	
8th Grade Fast Track	This is offered to qualifying students from the Litchfield and Avondale Elementary School Districts. 8th grade students take Algebra I at an AFHSD high school.
Summer Geometry Fast Track	This is only offered to students who completed the 8th Grade Fast Track program. Students take an online Geometry course through Edgenuity (starting in the spring of their 8th grade year and culminating in the summer).
Accelerated Algebra II/Precalculus	Offered to students who've completed Algebra I and Geometry. This is a double-period course that covers both the Algebra II and Pre-Calc curriculum. Students will earn 2 credits.
Concurrent Math Courses	Students have the opportunity to take math courses concurrently as long as the pre-requisites are met (i.e., a student can take Algebra I and Geometry in the same year, or Geometry and Algebra II. A student can NOT take Algebra I and Algebra II at the same time, because Algebra I is a prerequisite for Algebra II)
Upper-Level Math Courses (For Accelerated Students)	AP Calculus (AB, AB/BC, & BC), Honors Calculus III, & AP Statistics

Additional Information	
*Algebra Extensions	Students needing additional support in Algebra I will be concurrently enrolled in Algebra Extensions during their 9 th grade year. The course does not count as a required math credit toward graduation. Successful completion will provide students with elective credit.
**Financial Literacy	This course will satisfy the AFHSD requirements for graduation but is not recognized as an upper-level math credit by NCAA.
AP Coding II/ AP Computer Science Principles: Software & APP Design II or III	AP Coding II is a CTE course but can operate as an upper-level math credit. Students must communicate with their guidance counselors if they'd wish to use it as a math credit.