



Mathematics



The Mathematics Department offers a variety of math courses to provide challenging and attainable goals for all of our students. We are inspired to assist our students with organization, digital competence, higher order thinking, and written justification of their work. Our goal is to graduate students who are engaged in logical reasoning and thought processes so that they can be informed, productive members of society.



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Mathematics

Middle School Progression



Middle School students are placed into a course where they are appropriately challenged and supported.

GRADE	SUBJECT
6	Foundations OR Advanced Foundations of Mathematics
7	Mathematics Concepts OR Pre-Algebra & Intro to Algebra I
8	Pre-Algebra OR Algebra I

Enrichment and tutoring opportunities contribute to all students experiencing success and growing in confidence in mathematics.



Mathematics

Upper School Progression

Grade	Subject	College Prep	Honors	Advanced Placement
9	Algebra I			
9 & 10	Algebra II			
10	Algebra II (including Geometry)			
10 & 11	Advanced Trigonometry			
10 & 11	Trigonometry (including Geometry)			
11 & 12	Algebra III (including Trigonometry)			
11 & 12	Precalculus			
11 & 12	Calculus			
11 & 12	AP Calculus AB & BC			
12	Statistics			
11 & 12	AP Statistics			
10 & 12	AP Computer Science			
12	Advanced Mathematics Topics			

COMMENTS: INCOMING 9TH GRADE STUDENTS TAKE A PLACEMENT TEST TO HELP DETERMINE THE BEST COURSE AND LEVEL. STUDENTS WHO MAINTAIN AN AVERAGE OF AN A IN THEIR CP COURSE HAVE THE OPPORTUNITY TO MOVE UP TO HONORS AFTER SUCCESSFUL COMPLETION OF ADDITIONAL WORK.