

Cambridge High School Mathematics Department

Traditional College-Preparatory Pathway – The sequence below shows the pathway for a traditional college preparatory student.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Algebra: Concepts and Connections	Geometry: Concepts and Connections	Advanced Algebra: Concepts and Connections	Advanced Mathematical Decision Making
			Statistical Reasoning
			AP Precalculus
			Precalculus
			AP Statistics

Year-Early Honors Pathway – The sequence below shows the pathway that a student who was enrolled in *Algebra: Concepts and Connections Honors* or *Enhanced Mathematics/Grade 8 and Algebra: Concepts and Connections* during 8th grade would likely follow. It is assumed that students who follow this pathway will complete one or two Advanced Placement courses prior to graduation.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry: Concepts and Connections Honors	Advanced Algebra: Concepts and Connections Honors	Precalculus	Non-AP Calculus or AP Calculus AB or AP Statistics
		AP Precalculus	Non-AP Calculus or AP Calculus AB or AP Calculus BC or AP Statistics

Two Years Early Honors Pathway – The sequence below shows the pathway that a student who is two years ahead in mathematics may follow.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Advanced Algebra: Concepts and Connections Honors	AP Precalculus	Non-AP Calculus or AP Calculus AB or AP Calculus BC or AP Statistics	AP Calculus BC or Georgia Tech Calculus