

Sample Course Sequences – Mathematics

The sample course sequence can be used as a guide to assist students in planning their course of study during their school career. When choosing course selections, students should take into consideration their [Individualized Career and Academic Plan](#) and the Secondary and Post-Secondary Career Cluster Pathway.

SAMPLE	GRADE 6	GRADE 7	GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
1	Math 6	Math 7	Algebra I	Geometry	Algebra, Functions and Data Analysis	Algebra II	Probability and Statistics
2	Math Honors 6	Math Honors 7	Algebra I	Geometry	Algebra II	Pre-Calculus	AP Calculus AB
3	Math Honors 6	Math Honors 7	Algebra I	Geometry	Algebra II	Probability and Statistics or Discrete Mathematics	AP Statistics
4	Math Honors 7 (Math 6 required)	Algebra I	Geometry (Algebra I required)	Algebra II	Pre-Calculus	AP Calculus AB	Dual Enrollment Calculus II
5	Math Honors 7 (Math 6 required)	Algebra I	Geometry (Algebra I required)	Algebra II	Pre-Calculus	AP Calculus BC	Dual Enrollment Calculus III & Differential Equations