

## MATHEMATICS FLOW CHART

Mathematics as a discipline is an important and beautiful human endeavor, and mathematics has applications in many areas. All students, to the extent of their abilities, should have the opportunity to take part in the broader aspects of mathematics as a way of thinking, as a cultural heritage, and as an experience in grasping ideas, seeing their interrelations, and communicating them to others.

7th	8th	Freshman	Sophomore	Junior	Senior
<b>LEVEL 2</b>					
		Algebra 1	Plane Geometry	Algebra 2 Essentials	College Alg/Prob & Stats
		Algebra 1	Plane Geometry Geometry, Design, and Construction (level 9)	Algebra 2	Placement based on teacher recommen- dation for one of the following courses: Precalculus & Trig, or College Algebra & Statistics
	Algebra 1	Plane Geometry	Algebra 2	Precalculus & Trigonometry	Intro to Finite Math & Stats
<b>LEVEL 3</b>					
		Algebra 1	Plane Geometry Geometry, Design, and Construction (level 9)	Algebra 2	Precalculus & Trigonometry
	Algebra 1	Plane Geometry	Algebra 2	Precalculus & Trigonometry	Placement based on teacher recommen- dation for one of following courses: AP Calculus AB, AP Statistics, AP Computer Science, Analytic Geometry, Precalculus & Discrete Math, or Intro Calc & Stats
<b>LEVEL 4</b>					
Algebra 1	Plane Geometry	Algebra 2 & College Alg with Trig	Analytic Geometry, Precalculus & Discrete Math	AP Calculus BC or AP Computer Science	MVCalculus/Linear Algebra, AP Statistics, or AP Computer Science
	Algebra 1	Plane Geometry	Algebra 2 & College Alg with Trig	Analytic Geometry, Precalculus & Discrete Math	AP Calculus BC, AP Statistics, or AP Computer Science
<b>NOTES:</b> <ul style="list-style-type: none"> <li>• Two class titles separated by a forward slash denote a full-year sequence.</li> <li>• Computer Science is a full-year enrichment course that can be taken after Geometry. This course does not fulfill the graduation requirement in Mathematics. It is not a prerequisite for AP Computer Science.</li> </ul>					