Mathematics as a discipline is an important and beautiful human endeavor, with applications in many areas. All students 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 problem solving, modeling, finding patterns, seeing connections and communicating their reasoning to others.

MATHEMATICS FLOW CHART

7th	8th	Freshman	Sophomore	Junior	Senior
LEVEL 2					
		Algebra 1	Plane Geometry or Geometry, Design and Construction (level 9)	Algebra 2 Essentials	College Algebra & Statistics
		Algebra 1	Plane Geometry or Geometry, Design, and Construction (level 9)	Algebra 2	Placement based on teacher recommendation for one of: Precalculus & Trig or College Algebra & Statistics
	Algebra 1	Plane Geometry or Geometry, Design and Construction (level 9)	Algebra 2	Precalculus & Trigonometry	Intro to Finite Math & Statistics
LEVEL 3					
		Algebra 1	Plane Geometry or Geometry, Design and Construction (level 9)	Algebra 2	PreCalculus & Trigonometry
	Algebra 1	Plane Geometry or Geometry, Design and Construction (level 9)	Algebra 2	PreCalculus & Trigonometry	Placement based on teacher recommendation for one of: Analytic Geometry, PreCalculus & Discrete Math, Intro to Calc & Stats AP Calculus AB AP Statistics AP Computer Science
LEVEL 4					
	Algebra 1	Plane Geometry or Geometry, Design and Construction	Algebra 2, College Algebra & Trig	Analytic Geometry, PreCalculus & Discrete Math	AP Calculus BC, AP Statistics or AP Computer Science
Township Math: Enriched Algebra 1	*Township Math*: Enriched Geometry	Algebra 2, College Algebra & Trig	Analytic Geometry, PreCalculus & Discrete Math	AP Calculus BC	MV Calculus & Linear Algebra, AP Statistics or AP Computer Science

NOTES:
- Computer Science (level 9 or 4) is a full-year enrichment course that does not fulfill the graduation requirement in Mathematics.
- Sophomores are not eligible to take AP Statistics or AP Computer Science.