

MATHEMATICS ACADEMIC SEQUENCE OF COURSES K-12

ELEMENTARY SCHOOL Grades K -6	MIDDLE SCHOOL		HIGH SCHOOL (AP)			
	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Curriculum defined by: <ul style="list-style-type: none"> • Program of Studies (POS) of Fairfax County Public Schools • Standards of Learning (SOL) of Commonwealth of Virginia Content includes: <ul style="list-style-type: none"> • Numerical Relationships • Operations • Measurement • Geometry • Data Analysis, Statistics and Probability • Patterns, Functions, and Algebra Advanced Math Curriculum	**Algebra 1 Honors Geometry Honors		AFDA *Precalculus Honors AP Calculus BC Multivariable Calculus <i>Or</i> <i>Or</i> <i>Or</i> <i>Or</i> Algebra 2 *Precalculus AP Calculus AB AP Elective <i>Or</i> <i>Or</i> Algebra 2 Honors *AP Precalculus			
	Mathematics 7 Honors Algebra 1 Honors <i>Or</i> Algebra 1		Geometry Honors AFDA *Precalculus Honors AP Calculus BC <i>Or</i> <i>Or</i> <i>Or</i> <i>Or</i> Geometry Algebra 2 *Precalculus AP Calculus AB <i>Or</i> <i>Or</i> Algebra 2 Honors *AP Precalculus			
	Mathematics 7 Mathematics 8		Algebra 1 Geometry AFDA *Precalculus <i>Or</i> <i>Or</i> <i>Or</i> <i>Or</i> Algebra 1 Honors Geometry Honors Algebra 2 *Precalculus Honors <i>Or</i> <i>Or</i> Algebra 2 Honors *AP Precalculus			

****Students enrolling in Algebra 1 Honors in 7th grade must meet placement criteria.**

***Precalculus includes all the topics of trigonometry**

• Multivariable Calculus is a one semester course followed by Matrix Algebra

• Mathematics Electives include: Probability and Statistics and Trigonometry/Discrete Mathematics. AP Statistics, AP Computer Science.