

Grammar School (K-6)	<b>KINDERGARTEN</b>	Numbers to 100, Match, Sort, & Classify, Patterns, Shapes, Comparing Measurements & Numbers, Number Bonds, Addition & Subtraction, Time & Money, Mental Math & Math Facts
	<b>FIRST</b>	<i>Continue:</i> Numbers to 100, Shapes, Number Bonds, Addition & Subtraction, Time & Money, Mental Math & Math Facts <i>Introduce:</i> Length, Fractions
	<b>SECOND</b>	<i>Continue:</i> Shapes, Addition & Subtraction, Time & Money, Length, Fractions, Mental Math & Math Facts <i>Introduce:</i> Numbers to 1000, Weight, Multiplication & Division, Graphs
	<b>THIRD</b>	<i>Continue:</i> Addition & Subtraction, Time & Money, Fractions, Multiplication & Division, Graphs, Mental Math & Math Facts <i>Introduce:</i> Numbers to 10,000, Tables, Measurement, Geometry
	<b>FOURTH</b>	<i>Continue:</i> Addition & Subtraction, Multiplication & Division, Fractions, Measurement, Mental Math & Math Facts <i>Introduce:</i> Numbers to One Million, Multiples & Factors, Line Graphs & Plots, Decimals, Angles, Lines & Shapes
	<b>FIFTH</b>	<i>Continue:</i> Multiplication & Division, Fractions & Decimals, Geometry, Mental Math & Math Facts <i>Introduce:</i> Numbers to One Billion, Expressions & Operations, Volume, Data Analysis & Graphs, Ratio, Rate & Percentage
Upper School (7-12)	<b>SIXTH</b>	<i>Continue:</i> Fractions & Decimals, Ratio & Percent, Area & Volume, Mental Math & Math Facts <i>Introduce:</i> Whole Numbers & Operations, Negative Numbers, Algebraic Expressions, Equations & Inequalities, Coordinates & Graphs, Data Handling
	<b>SEVENTH</b>	<i>Continue:</i> Algebraic Expressions, Equations & Inequalities, Factors & Multiples, Ratio & Percent, Angles, Area & Volume, Data Handling <i>Introduce:</i> Integers & Rational Numbers, Sequences, Linear Graphs, Speed, Proportions, Probability
	<b>EIGHTH</b>	<b>Algebra I</b> Properties & Sets of Numbers, Algebraic Expressions, Linear Equations & Inequalities, Polynomials, Quadratic Equations, Functions
	<b>NINTH</b>	<b>Geometry</b> Lines and Angles; Triangles; Polygons; Quadrilaterals; Circles; Ratio, Proportion and Similar Figures; Coordinates; Spheres <i>(*Euclid's principles, constructions, and proofs throughout)</i>
	<b>TENTH</b>	<b>Algebra II</b> Polynomials; Linear and Quadratic Equations, Inequalities, and Systems; Properties and Graphs of Functions; Linear Functions; Exponential and Logarithmic Functions; Quadratic Functions; Polynomial Functions; Circles and their Equations
	<b>ELEVENTH</b>	<b>Trigonometry/Pre-Calculus</b> Functions and Graphs: Properties, Linear and Quadratic Functions, Polynomial and Rational Functions, Exponential and Logarithmic Functions; Trigonometry: Ratios, Angles, Rotations and Radians, Trigonometric Identities, Trigonometric Functions; Sequences and Series; Counting and Probability; Preview of Calculus
<b>TWELFTH</b>	<b>Calculus</b> Derivatives and Limits; Integrals; Differentiation, Integration, and the Chain Rule; Maxima & Minima; Definite Integrals; Trigonometric Functions & Inverse Functions; Logarithmic & Exponential Functions; Differentials & the Mean Value Theorem; Geometric Integrals & Physical Applications of Integrals; Taylor's Theorem & Infinite Series	