

# Math Year At A Glance

Teacher: Lindsay Southwick

	September	October	November	December	January	February	March	April	May	June
6th Grade	<b>Fractions, Decimals, and Percents</b> Percents greater than 100% and less than 1%, Comparing and ordering fractions, Percent of a number	<b>Ratios and Rates</b> Factors and Multiples, Ratio Tables, Graphs, Equivalent Ratios	<b>Compute with Multi-Digit Number</b> Add and subtract decimals, Estimate Products, Multiply and divide decimals, Estimate quotients	<b>Multiply and Divide Fractions</b> Estimate products of fractions, Multiply fractions, Multiply mixed numbers, Dividing whole numbers, fractions and mixed numbers		<b>Integers and the Coordinate Plane</b> Graphs, Absolute value, Compare and order integers, Terminating and repeating decimals	<b>Area and Volume</b> Parallelograms, Triangles, Trapezoids, Changes in Dimensions, Polygons	<b>Expressions</b> Powers and exponents numerical expressions, Variables and expressions, Distributive property, Equivalent expressions	<b>Equations</b> Solve and write addition, subtraction, multiplication, and division equations	<b>Functions and Inequalities</b> Tables, Rules, Writing and graphing inequalities, Solve one-step inequalities
6th Grade Accelerated	<b>Percents</b> Percent of a number, Percent proportion, Percent equation, Sales tax, Tips, Markup, Discount	<b>Ratios and Proportional Reasoning</b> Rates, Complex fractions, Unit rates, Proportionality, Constant rate of change, Slope	<b>Integers</b> Integers and absolute value, Adding, Subtracting, Multiplying and dividing integers	<b>Rational Numbers</b> Terminal and repeating decimals, add and subtract fractions, multiply and divide fractions		<b>Expressions</b> Algebraic expression, Sequence, Distributive property, Linear expressions	<b>Equations and Inequalities</b> One-step addition and subtraction, Multiplication and division, Two-step equations	<b>Geometric Figures</b> Classify angles, Complementary and supplementary angles, Triangles, Scale drawings, 3D figures, Cross sections	<b>Probability</b> Probability of simple events, Theoretical and experimental probability, Compound events	<b>Measure Figures</b> Circumference, area of circles, area of composite figures, volumes
7th Grade	<b>Percents</b> Percent of a number, Percent proportion, Percent equation, Sales tax, Tips, Markup, Discount	<b>Ratios and Proportional Reasoning</b> Rates, Complex fractions, Unit rates, Proportionality, Constant rate of change, Slope	<b>Integers</b> Integers and absolute value, Adding, Subtracting, Multiplying and dividing integers	<b>Rational Numbers</b> Terminal and repeating decimals, add and subtract fractions, multiply and divide fractions		<b>Expressions</b> Algebraic expression, Sequence, Distributive property, Linear expressions	<b>Equations and Inequalities</b> One-step addition and subtraction, Multiplication and division, Two-step equations	<b>Geometric Figures</b> Classify angles, Complementary and supplementary angles, Triangles, Scale drawings, 3D figures, Cross sections	<b>Probability</b> Probability of simple events, Theoretical and experimental probability, Compound events	<b>Measure Figures</b> Circumference, area of circles, area of composite figures, volumes

