



## Middle School Math Year at a Glance

Teacher: Mrs. Matheson

	September	October	November	December	January	February	March	April	May	June
6th Grade	<b>The Number System</b> Compute with Multi-Digit Numbers/ Add Subtract multiply and divide decimals	<b>The Number System</b> Multiply and Divide Fractions	<b>The Number System</b> Multiply and Divide Fractions	<b>Ratios and Proportional Relationships</b> Ratio language/ Multiple representations GCF LCM	<b>Ratios and Proportional Relationships</b> Unit Rates Percents Measurement	<b>Expressions and Equations</b> Exponents, evaluate expressions, solve equations and inequalities in one variable	<b>Geometry</b> Area of Triangles/Quads Volume of Rec. Prisms Draw polygons Construct nets	<b>Statistics and Probability</b> Recognize statistical questions Measure of central tendency	<b>The Number System</b> Integers and the Coordinate Plane	<b>Overflow</b>
7th Grade	<b>The Number System</b> Add, subtract, multiply, divide rational numbers Convert fractions to decimals Solve problems involving all four operations	<b>The Number System</b> Convert fractions to decimals Solve problems involving all four operations	<b>Ratios and Proportional Relationships</b> Compute unit rate with ratio of fractions Recognize prop. Relationships through constant of proportionality, equivalent ratios, equation, and graph	<b>Ratios and Proportional Relationships</b> Solve multi-step ratio and percent problems (simple interest, tax, markups, markdowns, percent change, error)	<b>Expressions and Equations</b> Algebraic expressions Distributive property Linear expressions	<b>Expressions and Equations</b> Solving 1-step and 2-step equations	<b>Geometry</b> Scale drawings Draw shapes given conditions Area and circumference	<b>Geometry</b> Surface area and volume Supplementary, complementary, vertical, adjacent angles	<b>Statistics and Probability</b> Use random sampling to draw inferences Draw comparisons between two populations Investigate chance and probability	<b>Overflow</b>