

## Middle School Math Courses

Grade Level	Skills	Grade Level	Skills
<p align="center"><b>Sixth Grade General Math</b></p>	<p>Students will explore whole numbers, decimals, fractions, number theory, proportions, measurement, statistics, and probability. Students will explore basic concepts of geometry. Students will begin to explore algebraic concepts and apply all concepts to word problems.</p>	<p align="center"><b>Seventh and Eighth Grade Algebra 1</b></p>	<p>Students will study the real number system. The topics of utilizing algebraic operations, solving and graphing linear and quadratic equations and inequalities are developed to increase problem solving skills.</p>
<p align="center"><b>Sixth and Seventh Grade Pre-Algebra</b></p>	<p>Students will explore mathematical concepts that are foundational for success in algebra including algebraic expressions, integers, equations, decimals, fractions, ratios, proportions, percentages, area, volume, and probability.</p>	<p align="center"><b>Eighth Grade Geometry</b></p>	<p>The <i>Geometry</i> course fosters an understanding of the special properties of two and three-dimensional figures and emphasizes the relationships among points, lines, angles, triangles, polygons, and circles. An emphasis will be placed on the deductive proof.</p>
<p align="center"><b>Eighth Grade Algebra 1 Part 1</b></p>	<p>Students will begin to study solving and graphing equations and inequalities. This course places an emphasis on order of operations, basic algebra concepts, properties of variable expressions and problem solving as it relates to Algebra.</p>		