



## Math Curriculum Topics

Grade 6	Grade 7	Grade 8	Grade 9
<ul style="list-style-type: none"> <li>• Dividing Fractions and Decimals</li> <li>• Ratios</li> <li>• Proportional Expressions and Distributions</li> <li>• Prisms and Pyramids</li> <li>• Surface Area and Volume of Rectangles</li> <li>• Space and 3-Dimension</li> <li>• Area of Circle</li> <li>• Cylinders, Cones, and Spheres</li> <li>• Variety of Graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Prime Factorization</li> <li>• Integers and Rational Numbers</li> <li>• Algebraic Equations and Expressions</li> <li>• Linear Equation</li> <li>• Coordinate Plane and Graph</li> <li>• Basic Geometric Shapes</li> <li>• Construction and Congruence</li> <li>• 2-Dimensional Shapes</li> <li>• 3-Dimensional Shapes</li> <li>• Statistics</li> </ul>	<ul style="list-style-type: none"> <li>• Rational Numbers and Repeating Decimals</li> <li>• Algebraic Equations</li> <li>• Linear Inequality and Simultaneous Linear Equations</li> <li>• Linear Functions and Graphs</li> <li>• Relationship between Linear Function and Linear Equation</li> <li>• Geometric Properties of Triangles and Rectangles</li> <li>• Similarity</li> <li>• Pythagorean Theorem</li> <li>• Probability</li> </ul>	<ul style="list-style-type: none"> <li>• Square Roots and Real Numbers</li> <li>• Polynomial Expressions and Factorization</li> <li>• Quadratic Equation</li> <li>• Quadratic Functions and Graphs</li> <li>• Trigometric Ratios</li> <li>• Properties of Circle</li> <li>• Representative Values and Standard Deviation</li> <li>• Correlation</li> </ul>