

Month	Level 6 – Math - Skills covered	
Month 1-3	<p><b><u>Pre-Algebra/Algebra Review:</u></b></p> <ol style="list-style-type: none"> <li>1) Numbers, Symbols and Variables               <ol style="list-style-type: none"> <li>a. Number System</li> <li>b. Prime Factorization</li> <li>c. Properties</li> <li>d. Order of Operations</li> <li>e. Divisibility, Factors and Number Lines</li> </ol> </li> <li>2) Fractions</li> <li>3) Ratios and Proportions</li> <li>4) Measurements</li> <li>5) Decimals</li> <li>6) Percent Problem</li> <li>7) Exponents and Roots</li> </ol>	<p><b>In addition to these math skills, weekly worksheet packet also comprises of word problems on:</b></p> <ol style="list-style-type: none"> <li>1) Word problems involving fraction, decimals</li> <li>2) Percent word problems</li> <li>3) Arithmetic word problems</li> <li>4) Translating English to Algebra</li> <li>5) Rate and Work Word Problems</li> </ol>
Month 4	<p><b>Prep for IWOA Assessment Test for 6<sup>th</sup> grade; Mock Tests</b></p>	
Month 5-7	<p><b><u>Algebra/Algebra I</u></b></p> <ol style="list-style-type: none"> <li>1) Algebra Expressions – one and two variable</li> <li>2) Algebra – Linear Equations</li> <li>3) Inequalities / Absolute values</li> <li>4) Graphing linear equation</li> <li>5) Factoring and Quadratic Equations</li> <li>6) Systems of Equations</li> <li>7) Algebra Word Problems</li> </ol>	
Month 8-9	<p><b><u>Geometry</u></b></p> <ol style="list-style-type: none"> <li>1) Angle Relationships</li> <li>2) Special Triangles and Triangle Inequalities</li> <li>3) Symmetry, Translation, Reflection and Rotations</li> <li>4) Polygons and Parallelograms</li> <li>5) Perimeter and Area</li> <li>6) Circles</li> <li>7) Solid Figures</li> <li>8) Coordinate Geometry</li> </ol>	
Month 10	<p><b><u>Probability, Counting and Statistics</u></b></p> <ol style="list-style-type: none"> <li>1) Counting Problems</li> <li>2) Probability Problems</li> <li>3) Average Problems</li> <li>4) Graphs and Tables</li> </ol>	
Month 11/12 (Summer)	<p><b>Review; Test Prep; Practice Tests</b></p>	