


# 8<sup>th</sup> Grade Pre-Algebra



<u>1<sup>st</sup> Six Weeks</u>	<u>2<sup>nd</sup> Six Weeks</u>	<u>3<sup>rd</sup> Six Weeks</u>	<u>4<sup>th</sup> Six Weeks</u>	<u>5<sup>th</sup> Six Weeks</u>	<u>6<sup>th</sup> Six Weeks</u>
<i>Pre-Test</i>	<i>Pre-Test</i>	<i>Pre-Test</i>	<i>Pre-Test</i>	<i>Pre-Test</i>	<i>Pre-Test</i>
<ul style="list-style-type: none"> <li>*coordinate plane</li> <li>*order of operations</li> <li>*compare and order rationales</li> <li>*add, subtract, multiply, divide fractions and integers</li> <li>*word problems- strategies</li> <li>*patterns</li> <li>*solve equations (2-step)</li> <li>*square roots-estimation</li> <li>*Pythagorean theorem</li> </ul>	<ul style="list-style-type: none"> <li>*ratio/ proportion/ similar figure</li> <li>*probability</li> </ul>	<ul style="list-style-type: none"> <li>*fractions, decimals, percents, and circle graphs</li> <li>*proportions and percents</li> <li>*sales tax, discounts, simple interest</li> <li>*formulas</li> <li>*choose appropriate equations</li> </ul>	<ul style="list-style-type: none"> <li>*linear functions and graphing</li> <li>*scatterplots, Venn diagrams, stem &amp; leaf plots, histograms, misleading graphs</li> <li>*transformations</li> <li>*measures of central tendency</li> <li>*sampling and evaluate predictions</li> </ul>	<ul style="list-style-type: none"> <li>*perimeter, area and volume</li> <li>*surface area</li> <li>*changes in surface area and volume when dimensions are changed</li> </ul>	<ul style="list-style-type: none"> <li>*solving multi-step equations</li> <li>*graphing functions</li> </ul>
<i>Six Weeks Test</i>				<i>Six Weeks Test</i>	
	<i>Six Weeks Test</i>	<i>Six Weeks Test</i>			<i>Six Weeks Test</i>
			<i>Six Weeks Test</i>		<i>Post Test Sixth Grade Level</i>

The Objectives are only a guide and may not be taught during the six weeks listed.