

6th Grade Curriculum Map

1 st Semester				2 nd Semester			
Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8
4 weeks	6 weeks	3 weeks	5 weeks	4 weeks	4 weeks	5 weeks	6 weeks
Number System Fluency	Rate, Ratio and Proportional Reasoning Using Equivalent Fractions	Expressions	One-Step Equations and Inequalities	Area and Volume	Rational Exploration: Numbers and their Opposites	Statistics	Show What We Know
<p>$+, -, \times, \div$ fractions and decimals</p> <p>Find greatest common factor (GCF)</p> <p>Find least common multiple (LCM)</p> <p>Advanced $+, -, \times, \div$ with Integers</p>	<p>Understand what a ratio is.</p> <p>Find the unit rate of an item with real world problems.</p> <p>Equivalent fractions</p> <p>Change fractions to decimals and percents and vice versa.</p>	<p>Write equations</p> <p>Write, read & solve equations where letters stand for a specific number.</p> <p>Know vocabulary for: sum, term, product, factor, quotient & coefficient.</p> <p>Solve real world problems with formulas.</p> <p>Compare expressions</p> <p>Advanced Combining Like Terms</p>	<p>Be able to read and solve equations to find a solution.</p> <p>Learn that variables equal a specific number.</p> <p>Solve real world problems by writing and solving equations.</p> <p>Understand inequalities and that they have infinite solutions.</p> <p>Advanced Two-step equations & equations w/ variables on both sides</p>	<p>Find area of different shapes.</p> <p>Apply volume formula.</p> <p>Use nets to solve for surface area.</p>	<p>Apply and extend previous knowledge of numbers to the system of rational numbers.</p> <p>Positive and negative numbers.</p> <p>Use a number line.</p> <p>Recognize opposite signs of numbers on each side of zero.</p> <p>Understand ordered pairs and their quadrants on a coordinate plane.</p>	<p>Interpret the meaning of statistics in a data set.</p> <p>Display numerical data in plots on a number line including dot plots, histograms, box & whisker plots, and mean absolute deviation.</p>	<p>ALL</p>

****Advanced standards are highlighted**