6th Grade Curriculum Map

1st Semester				2nd 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**
+,-,x,÷ fractions and decimals Find greatest common factor (GCF) Find least common multiple (LCM) Advanced +,-,x,÷ with Integers	Understand what a ratio is. Find the unit rate of an item with real world problems. Equivalent fractions Change fractions to decimals and percents and vice versa.	Write equations Write, read & solve equations where letters standard for a specific number. Know vocabulary for: sum, term, product, factor, quotient & coefficient. Solve real world problems with formulas. Compare expressions Advanced Combining Like Terms	Be able to read and solve equations to find a solution. Learn that variables equal a specific number. Solve real world problems by writing and solving equations. Understand inequalities and that they have infinite solutions. Advanced Two-step equations & equations w/ variables on both sides	Find area of different shapes. Apply volume formula. Use nets to solve for surface area.	Apply and extend previous knowledge of numbers to the system of rational numbers. Positive and negative numbers. Use a number line. Recognize opposite signs of numbers on each side of zero. Understand ordered pairs and their quadrants on a coordinate plane.	Interpret the meaning of statistics in a data set. Display numerical data in plots on a number line including dot plots, histograms, box & whisker plots, and mean absolute deviation.	ALL

****Advanced standards are highlighted**