Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Ratios and Unit Rates	**Arithmetic Operations**	**Rational Numbers**	**Expressions and Equations**	**Area, Surface Area, and Volume Problems**	**Statistics**
Trimester 1	Trimester 1	Trimester 2	Trimester 2/3	Trimester 3	Trimester 3
I can understand the concept of a ratio and use ratio language to describe a ration relationship between two quantities.	I can interpret and compute quotients of fractions. I can solve word problems involving division of fractions by fractions using visual fraction models and equations to represent the problem.	I can understand that positive and negative numbers are used together to describe quantities that have opposite directions or values. I can use positive and negative numbers to represent quantities in real-world situations. I can explain the meaning of 0 in each situation.	I can write and evaluate numerical expressions that have whole-number exponents.	I can find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes. I can apply these techniques when solving real-world and mathematical problems.	I can recognize a statistical question as a question that has variability in the data related to the question and accounts for it in the answers.
I can understand that a unit rate is a ratio with a second term of one. I can use rate language to describe a ratio relationship.	I can fluently divide multi-digit numbers using a standard algorithm.	I can understand a rational number as a point on the number line. I can represent points on a number line and in the coordinate plane with negative number coordinates.	I can write, read, and evaluate expressions in which letters stand for numbers.	I can find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes. I can apply the formulas V = l·w·h and V = b·h.	I can understand that a set of data collected to answer a statistical question has a distribution. I can describe the center, spread, and overall shape of the distribution.
I can use ratio and rate reasoning to solve real-world and mathematical problems by reasoning about ratio tables, tape diagrams, double number lines, or equations.	I can fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation.	I can understand ordering and absolute value of rational numbers.	I can apply the properties of operations to generate equivalent expressions.	I can draw polygons in the coordinate plane given coordinates for the vertices. I can use coordinates to find the length of side joining points with the same first coordinate or the same second coordinate. I can apply these techniques to solving real-world and mathematical problems.	I can recognize that a data set's measure of center summarizes all of tis values with a single number. I can recognize that a data set's measure of variation describes how its values vary with a single number.
	I can find the greatest common factor of two whole numbers or less and the lowest common multiple of two whole numbers or less. I can use the distributive property to express a sum of two whole numbers.	I can solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. I can use coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.	I can understand that solving an equation or inequality is a process of answering a question. I can use substitution to determine whether a given number in a specified set makes an equation or inequality true.	I can use nets made of rectangles and triangles to represent three-dimensional figures. I can use nets to find the surface area of three-dimensional figures. I can apply these techniques to solve real-world and math problems.	I can display numerical data in plots on a number line, including dot plots, histograms, and box plots.
			I can identify when two expressions are equivalent.		I can summarize numerical data sets in relation to their context.
			I can use variables to represent numbers and write expressions when solving a real-world or mathematical problem. I can understand a variable can represent an unknown number, or any number in a specified set.		
			I can solve real-world and mathematical problems by writing and solving equations.		
Major Clusters Areas of intensive focus, where students need fluent understanding and application of the core concepts The Number System (A) Expressions and Equations Ratio and Proportional Reasoning	**Supporting Clusters** Rethinking and linking- areas where some material is being covered, but in a way that applies core understandings Geometry The Number System (B)	**Additional Clusters** Students will gain exposure to these topics, but not at the same depth as a major or supporting cluster Statistics & Probability	I can write "greater than" or "less than" inequalities to represent a constraint or condition. I can recognize that "greater than" or "less than" inequalities have an infinite number of solutions. I can graph inequalities.		
			In a real-world problem, I can use variables to represent two quantities that change in relationship to one another. I can write an equation to express the dependent variable, in terms of the independent variable. I can analyze the relationship between the dependent and independent variables using graphs and tables.		**SIXTH GRADE**