Week	Marking Period 1 (Grade 5 Content)	Marking Period 2 (Grade 6 Content)
1	 Multiplication of a whole number and a fraction (partitive, whole number products): problem solving, length models, number line models, set models Multiplication as resizing 	Understanding Ratios and Rates O Describe, recognize, and represent ratio relationships in a variety of representations O Explain and classify different types of ratios, including rate and unit rate
2	 Multiplication of a fraction by a fraction (numerator of one factor is a multiple of the denominator of the other factor): reasoning, problem solving Multiplication as resizing Multiplication fluency (multi-digit whole numbers): standard algorithm 	Understanding Ratios and Rates o Interpret problems with ratios, including unit rates Application of Ratios and Rates o Create, interpret, and find missing values in tables of equivalent ratios o Display a series of equivalent ratios on a coordinate grid
3	 Multiplication of a fraction by a fraction (both factors <1; one factor >1):: problem solving, area models Multiplication as resizing 	Application of Ratios and Rates
4	 Multiplication of a fraction by a fraction (both factors >1, including mixed numbers): problem solving, area models Multiplication as resizing 	 Application of Ratios and Rates Describe and compare ratios as a fraction, decimal, and percent Solve percent problems involving finding the part or the whole Division of Fractions Divide fractions by whole numbers
5	 Area: rectangles with fractional side lengths Multiplication of a whole number and a fraction (partitive, fraction products) Multiplication as resizing 	Division of Fractions Divide whole numbers by fractions Divide fractions by unit fractions Divide a fraction by a fraction
6	Division of a unit fraction by a non-zero whole number or a whole number by a unit fraction: visual fraction models, relationship between multiplication and division, equations, word problems	Division of Fractions Reason about the inverse relationship between division and multiplication of fractions Use reasoning about the unit rate to develop understanding of the standard algorithm for dividing fractions
7	Division of a unit fraction by a non-zero whole number or a whole number by a unit fraction: visual fraction models, relationship between multiplication and division, equations, word problems Fractions as division of numerator by denominator: visual fraction models, equations, word problems Measurement data: line plots (, , of a unit)	Multi-Digit Computation
8	Multiplication of decimals (to hundredths): models, drawings, written method, place value strategies, properties of operations Division of decimals (to hundredths): place value strategies, properties of operations	Multi-Digit Computation
9	Division of decimals (to hundredths): place value strategies, properties of operations Addition, subtraction, multiplication, division of decimals (to hundredths): place value strategies, properties of operations Word problems (multi-step): conversion of measurement units (within a given measurement system)	Multi-Digit Computation

Week	Marking Period 3 (Grade 6 Content)	Marking Period 4 (Grade 6 Content)
1	Extending the Number Line Understand that positive and negative integers are used together to describe quantities and values Recognize that positive and negative rational numbers are used together to describe quantities having opposite directions or values, and reason about the meaning of 0 in real-world contexts Recognize and position a number, its opposite, and the opposite of the opposite on a horizontal and vertical number line diagram	Relationships between Variables
2	Order and Absolute Value oOrder rational numbers and interpret comparisons on a number line o Describe absolute value of a rational number as the distance from 0 on a number line and interpret the magnitude of a number by absolute value oDistinguish comparisons of absolute value from statements about order	 Relationships between Variables Write equations to model real-world situations Relating Area and Volume Explore rectangles and the attributes of other two-dimensional figures Develop the area formulas for right triangles, parallelograms, and triangles
3	Coordinate Relationships oldentify parts of the coordinate plane and name and locate points using ordered pairs on the coordinate grid o Reason about the relationship between coordinates reflected over the x- and y- axes o Find horizontal and vertical distances on the coordinate plane using absolute value	Relating Area and Volume Determine the area of special quadrilaterals, polygons, and composite figures using decomposition and composition Model volume
4	Coordinate Relationships oUse the coordinate plane to graph geometric shapes Multi-Digit Computation oFluently add, subtract, multiply, and divide multi-digit decimals	Relating Area and Volume Examine the relationship between the area of the base and the height of a prism to derive a formula for volume Reason about and apply the volume formula Surface Area Construct these dimensional figures using note
5	Exponents o Identify and model the relationship between exponents and repeated multiplication oWrite and evaluate numerical expressions involving whole-number exponents Introducing Algebraic Expressions oCreate, interpret, and evaluate numerical expressions using order of operations	 Construct three-dimensional figures using nets Surface Area Use nets to determine the surface area of three-dimensional figures
6	Introducing Algebraic Expressions oReason about situations to interpret, create, and evaluate algebraic expressions oCreate and evaluate an expression for an unknown based on a context	 Multi-Digit Computation Use the standard algorithm to fluently add, subtract, multiply, divide multi-digit decimals and divide whole numbers Statistical Questions Explore and reason about data displays Distinguish between statistical and non-statistical questions
7	Properties and Equivalency o Identify common factors and common multiples of a pair of numbers; including the greatest common factor and least common multiple o Identify the common factors from two whole numbers and rewrite the sum using the greatest common factor oCreate multiple representations of equivalent algebraic expressions	Statistical Questions
8	Equations and Inequalities Reason about the role of the variable by examining the structure of equivalent expressions Solve equations, precisely state the meaning of the variable, and represent the solution	Analyzing Data Distributions
9	Equations and Inequalities	Analyzing Data Distributions o Identify the data display that best describes measures of center, spread, and the overall shape of the distribution