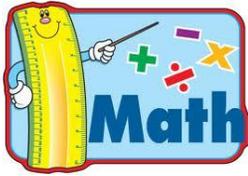


**\*Problem Solving Strategies and Applications will be incorporated into all areas.**



Trimester 1	Trimester 2	Trimester 3
<p>1. Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> <li>Using arrays to model multiplication situations</li> <li>Using arrays to find factors</li> <li>Finding the multiples of a number by skip counting</li> <li>Identifying prime, square, and composite numbers</li> <li>Identifying and learning multiplication combinations</li> <li>Solving word problems that involve multiplicative comparison</li> <li>Determining whether one number is a factor or multiple of another</li> <li>Identifying factors of a number</li> </ul> <p>2. Measurement and Data</p> <ul style="list-style-type: none"> <li>Organizing ordered, numerical data to describe a data set</li> <li>Describing the shape of a data set</li> <li>Using a line plot to represent ordered, numerical data</li> <li>Using standard units to determine length</li> <li>Recording and keeping track of data</li> <li>Using medians to describe groups</li> <li>Developing, revising, and recording a survey question</li> <li>Comparing data of two groups</li> <li>Developing arguments based on data</li> </ul> <p>3. Numbers and Operations in Base Ten</p> <ul style="list-style-type: none"> <li>Developing strategies for multiplying that involve breaking apart numbers</li> <li>Representing multiplication and division problems using pictures, diagrams, or models</li> <li>Using arrays to model multiplication</li> </ul>	<p>4. Measurement, Data, and Geometry</p> <ul style="list-style-type: none"> <li>Using standard and metric units to measure length</li> <li>Finding perimeter using standard units</li> <li>Defining and classifying polygons by attributes</li> <li>Identify parallel and perpendicular lines</li> <li>Understand the relationship between squares and rectangles</li> <li>Identifying and measuring angles</li> <li>Using known angles to find the missing angle</li> <li>Finding the area of symmetrical designs, polygons, and irregular polygons</li> <li>Finding the area by decomposing shapes</li> </ul> <p>5. Numbers and Operations in Base Ten</p> <ul style="list-style-type: none"> <li>Reading, writing, and sequencing numbers</li> <li>Rounding and comparing numbers</li> <li>Writing numbers in expanded form</li> <li>Solving addition and subtraction problems with large numbers by focusing on the place value of the digits, using clear and concise notation</li> <li>Identifying, describing, and comparing addition and subtraction strategies</li> <li>Representing addition and subtraction on a number line</li> <li>Combining positive and negative numbers</li> </ul> <p>6. Number and Operations - Fractions</p> <ul style="list-style-type: none"> <li>Finding fractional parts</li> <li>Interpreting the meaning of a numerator and denominator of a fraction</li> <li>Identifying and comparing equivalent fractions</li> <li>Adding and subtracting fractions</li> <li>Fractions greater than one</li> </ul>	<p>7. Measurement and Data</p> <ul style="list-style-type: none"> <li>Finding the volume of a rectangular prism</li> <li>Decomposing a rectangular prism</li> <li>Developing a strategy for determining volume</li> <li>Converting measurements</li> <li>Finding equivalent measurements</li> </ul> <p>8. Operations and Algebraic Thinking</p> <ul style="list-style-type: none"> <li>Multiples of 10</li> <li>Estimation and solving 2-digit multiplication problems</li> <li>Multiplication strategies</li> <li>Division strategies</li> <li>Using the relationship between multiplication and division to solve problems</li> </ul> <p>9. Represent and Interpret Data</p> <ul style="list-style-type: none"> <li>Interpreting graphs</li> <li>Finding the value of one quantity in a situation of constant change given the value of the other</li> <li>Using and interpreting tables</li> <li>Describing the relationship between two quantities in a situation of constant change</li> <li>Plotting points on a coordinate grid using symbolic letter notation to represent the value of one variable in terms of another</li> <li>Describing graphs in terms of different rates of change</li> <li>Comparing tables, graphs, and situations of constant change with those of non-constant change</li> </ul>





**\*Problem Solving Strategies and Applications will be incorporated into all areas.**



Trimester 1	Trimester 2	Trimester 3
<ul style="list-style-type: none"> <li>• Using and interpreting division notation</li> <li>• Making sense of remainders in terms of the problem context</li> <li>• Using known multiplication combinations to solve division problems</li> <li>• Creating and solving division problems</li> <li>• Multiplying by a multiple of 10</li> <li>• Finding multiples</li> <li>• Determining the effect on a product when a factor is doubled or halved</li> </ul> <p>Common Core State Standards 4.OA.1, 4.OA.2, 4.OA.3, 4.OA.4 4.NBT.2, 4.NBT.4, 4.NBT.5, 4.NBT.6, 4.MD.2</p>	<ul style="list-style-type: none"> <li>• Ordering and Comparing fractions</li> <li>• Fractions on a number line</li> <li>• Adding and subtracting mixed numbers</li> <li>• Multiplying whole numbers and fractions</li> <li>• Reading, writing, and representing tenths and hundredths</li> <li>• Ordering , comparing, and combining decimals</li> <li>• Decimal and fraction equivalents</li> </ul> <p>Common Core State Standards 4.NBT.1, 4.NBT.2, 4.NBT.3, 4.NBT.4 4.MD.1, 4.MD.2, 4.MD.3, 4.MD.4, 4.MD.5.a, 4.MD.5.b, 4.MD.6, 4.MD.7 4.G.1, 4.G.2, 4.G.3 4.NF.1, 4.NF.2, 4.NF.3.a, 4.NF.3.b, 4.NF.3.c, 4.NF.3.d, 4.NF.4.a, 4.NF.4.b, 4.NF.4.c, , 4.NF.5, 4.NF.6. 4.NF.7</p>	<p>Common Core State Standards 4.NF.7 4.NBT.2, 4.NBT.5, 4.NBT.6 4.MD.1, 4.MD.2, 4.MD.4 4.OA.3, 4.OA.5</p>

