



1 <sup>st</sup> Quarter			
Resources: Textbooks, Workbook and TPT (teachers pay teachers)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories
1	Welcome/ Orientation	Survey – getting to know you Collect & log Supplies received Classroom Rules Curriculum overview	
2	<b>Topic 1: Place Value</b> Lesson 1- Lesson 5	<ul style="list-style-type: none"> <li>Determine the number of millions in one billion.</li> <li>Describe a decimal using place value.</li> <li>Compare and order decimals through the thousandths place.</li> <li>Round decimal to the nearest whole number to prepare students for learning how to round decimals.</li> <li>Practice writing to explain answers and problem-solving strategies.</li> </ul>	5.2 Read and write whole numbers through billions. 5.2 Represent whole numbers through billions with expanded notation. 5.2 Understand place value relationships for whole numbers through billions 5.2A Read and write decimals through thousandths 5.2A Represent decimals through thousandths with expanded notation. 5.2B compare and order decimals through thousandths. 5.2B Represent decimal comparisons with $>$ , $<$ , or $=$ . 5.2C Round decimals to the nearest whole number, tenth, or hundredth.
3	<b>Topic 2: Adding and Subtracting Whole Numbers and Decimals</b>	<ul style="list-style-type: none"> <li>Use the properties of addition to solve problems mentally.</li> <li>Use rounding and compatible numbers to estimate sums and</li> </ul>	5.3K Use mental math to add and subtract decimals 5.3A Estimate decimals sums and differences. 5.3K Use the standards algorithms to add and



	<p><b>Lesson 1- Lesson 5</b></p>	<p>differences of whole numbers.</p> <ul style="list-style-type: none"> <li>• Compute sums and differences of two large whole numbers.</li> <li>• Add decimals in the hundredths aligning their decimal points.</li> <li>• Subtract decimals in the hundredths place by using various strategies.</li> </ul>	<p>subtract whole numbers through millions.</p>
<p>4</p>	<p><b>Topic 3: Multiplying Whole Numbers and Decimals</b> <b>Lesson 1- Lesson 5</b></p>	<ul style="list-style-type: none"> <li>• Use rounding or compatible number to estimate products of whole numbers.</li> <li>• Multiply 3-digit numbers by 2-digit numbers.</li> <li>• Use number sense when finding the product of a 3digit number by a 2digit number.</li> <li>• Write a real-world problem to a product of multi-digit numbers and solve the problem</li> </ul>	<p>5.3A Estimate products of 3-digit and 2-digit whole numbers. 5.3B Use the standard algorithm to multiply whole numbers with up to 3- digit by 2-digit numbers. 5.3E Use number sense to place the decimal point in products of decimals and whole numbers. 5.3D Use models to multiply decimals and whole numbers or two decimals with products to the hundredths. 5.3E Use the standard algorithm to multiply two decimals with products to the hundredths. 5.3E Multiply with money 5.1 C Select tools, including real objects, manipulative, paper and pencil, and technology as appropriate, techniques including mental math, estimation, number sense to solve problems.</p>
<p>5</p>	<p><b>Topic 3 Continued</b> <b>Lesson 6- Lesson 13</b></p>	<ul style="list-style-type: none"> <li>• Find a pattern in products when multiplying a decimal by a power of 10.</li> </ul>	<p>5.3A Estimate products of 3-digit and 2-digit whole numbers. 5.3B Use the standard algorithm to multiply</p>



		<ul style="list-style-type: none"> <li>• Model multiplying a whole number by a decimal using a hundredths grid.</li> <li>• Model multiplication of decimals in a hundredths grid.</li> <li>• Solve a multiple step problem that involves multiplying decimals and money.</li> </ul>	<p>whole numbers with up to 3-digit by 2-digit numbers.</p> <p>5.3E Use number sense to place the decimal point in products of decimals and whole numbers.</p> <p>5.3D Use models to multiply decimals and whole numbers or two decimals with product to the hundredths.</p> <p>5.3E Use the standard algorithm to multiply two decimals with products to the hundredths.</p> <p>5.3E Multiply with money.</p>
6	<p><b>Topic 4: Number Sense/Dividing by 2-digit Divisors</b>  <b>Lesson 1– Lesson 5</b></p>	<ul style="list-style-type: none"> <li>• Find patterns when dividing multiples of ten.</li> <li>• Use mental math with compatible numbers to find quotients with 2-digit divisors.</li> <li>• Use array and area models to represent multi-digit division.</li> <li>• Use mental math to estimate quotients when the 2-digit Divisor is a multiple of ten</li> </ul>	<p>5.3C Use patterns to divide whole numbers with up to 4 digits by multiples of 10.</p> <p>5.3A Estimate quotients of dividends with up to 4 digits and 2-digit divisors.</p> <p>5.3C Use models to divide whole numbers with up to 4 digits by 2-digit numbers</p> <p>5.1A Apply mathematics to problem arising in everyday life, society and work place.</p>
7	<p><b>Review and Benchmark</b>  <b>Topic 1-4</b></p>		
8	<p><b>Topic 5: Developing Proficiency/Dividing by 2-digit factor</b>  <b>Lesson 1-Lesson 5</b></p>	<ul style="list-style-type: none"> <li>• Divide 3-digit numbers by 2-digit numbers with and without remainders.</li> <li>• Find 2-digit quotients when dividing 3-digit numbers by 2-digit numbers.</li> <li>• Solve problems involving</li> </ul>	<p>5.3C Use the standard algorithm to find 1digit quotients when dividing whole numbers by 2-digit divisors when dividing whole numbers by 2-digit divisors.</p> <p>5.3C Use the standard algorithm to find 2-digit quotients when dividing whole numbers by 2-digit divisors.</p>



		<p>division of numbers with 4 digits by 2-digit divisors.</p> <ul style="list-style-type: none"> <li>Use estimation to tell whether a quotient is reasonable or not</li> </ul>	<p>5.3C Use the standard algorithm to find 3-digit quotients when dividing whole numbers by 2-digit divisors</p> <p>5.1B Use problem solving model that incorporates analyzing given information</p>
9	<p><b>Topic 6: Dividing Decimals</b> <b>Lesson 1- Lesson7</b></p>	<ul style="list-style-type: none"> <li>Use patterns to divide with decimals.</li> <li>Estimate quotients when dividing with decimals.</li> <li>Find the quotient when dividing a decimal by a 1-digit whole number.</li> <li>Use any strategy to solve a problem involving division of a decimal by 2-digit whole number.</li> </ul>	<p>5.3G Use patterns to divide decimals by 10 or 100.</p> <p>5.3A Estimate quotients involving decimals.</p> <p>5.3F Use models to divide decimals by 1-digit whole Numbers</p> <p>5.3G Solve for quotients of decimals to the hundredths, up to 4 digit dividends and 2 digit whole number divisors using strategies and logarithms.</p>

**2<sup>nd</sup> Quarter**

Resources: Textbook, Workbook and TPT			
Week	Unit/Lesson	Learning Objectives	Reporting Categories
1	<p>Continued...</p> <p><b>Topic 6: Dividing Decimals</b> <b>Lesson 1- Lesson 7</b></p>	<ul style="list-style-type: none"> <li>Use patterns to divide with decimals.</li> <li>Estimate quotients when dividing with decimals.</li> <li>Find the quotient when dividing a decimal by a 1-digit whole number.</li> <li>Use any strategy to solve a problem involving division of a decimal by 2-digit whole number</li> </ul>	<p>5.3G Use patterns to divide decimals by 10 or 100.</p> <p>5.3A Estimate quotients involving decimals.</p> <p>5.3F Use models to divide decimals by 1-digit whole numbers.</p> <p>5.3F Use models to divide decimals by 2-digit whole numbers.</p>



2	<p><b>Topic 7: Adding and Subtracting Fractions</b>  <b>Lesson 1- Lesson 9</b>  <b>Equivalent Fractions</b></p>	<ul style="list-style-type: none"> <li>• Use basic math facts to list and compare the factors of a number.</li> <li>• Find equivalent fractions.</li> <li>• Use area models to help write fractions in simplest fractions.</li> <li>• Use a number line or fraction strips to estimate the sum of two fractions.</li> <li>• Find and represent fractions of the same whole with unequal denominators.</li> <li>• Use different problem-solving strategies to add fractions with unlike denominators.</li> <li>• Solve real world problem involving subtraction of fractions with unlike denominators.</li> <li>• Use a picture to help decide which operation to use when writing</li> </ul>	<p>5.4A Identify prime and composite numbers.            5.3H Find equivalent fractions            5.3A Estimate fraction sums and differences.            5.3H write fractions in simplest form.            5.3H use models and properties to add fractions with unlike denominators.            5.3H Use models and properties to subtract fractions with unlike denominators</p>
3	<p><b>Continued...</b></p> <p><b>Topic 7: Adding and Subtracting Fractions</b>  <b>Lesson 1- Lesson 9</b>  <b>Equivalent Fractions</b></p>	<ul style="list-style-type: none"> <li>• Find and represent fractions of the same whole with unequal denominators.</li> <li>• Use different problem-solving strategies to add fractions with unlike denominators.</li> <li>• Solve real world problem involving subtraction of fractions with unlike denominators.</li> </ul>	<p>5.4A Identify prime and composite numbers.            5.3H Find equivalent fractions            5.3A Estimate fraction sums and differences.            5.3H write fractions in simplest form.            5.3H use models and properties to add fractions with unlike denominators.            5.3H Use models and properties to subtract fractions with unlike denominators.</p>



		<ul style="list-style-type: none"> <li>Use a picture to help decide which operation to use when writing a number sentence that represents a given problems.</li> </ul>	
4	<p><b>Topic 8: Adding and Subtracting Mixed Numbers</b> Lesson 1- Lesson 6</p>	<ul style="list-style-type: none"> <li>Identify what fraction or mixed number is represented by a point on the number line.</li> <li>Use various methods to estimate the sum of two mixed numbers.</li> <li>Use fraction strips to add mixed numbers with like denominators.</li> </ul>	<p>5.3H Understand improper fractions and mixed numbers and change a number from one form to the other. 5.3A Estimate sums and differences of mixed numbers. 5.3H Use models and properties to add mixed numbers with like and unlike denominators. 5.3K Add mixed numbers with like and unlike denominators.</p>
5	<p>Continued... <b>Topic 8: Adding and Subtracting Mixed Numbers (Equivalent Fractions)</b> Lesson 1- Lesson 6</p>	<ul style="list-style-type: none"> <li>Formulate a plan for adding mixed numbers with unlike denominators.</li> <li>Students use fraction strips to model the subtraction of two mixed numbers with liked denominators.</li> </ul>	<p>5.3H Understand improper fractions and mixed numbers and change a number from one form to the other. 5.3A Estimate sums and differences of mixed numbers. 5.3H Use models and properties to add mixed numbers with Like and unlike denominators. 5.3K Add mixed numbers with like and unlike denominators</p>
6	<p><b>Review and Benchmark</b> Topic 5-8</p>		
7	<p><b>Topic 9: Multiplying and Dividing Fractions</b> Lesson 1- Lesson 6</p>	<ul style="list-style-type: none"> <li>Describe fractions as multiples of unit fractions.</li> <li>Represent and solve problems using an area model.</li> </ul>	<p>5.3I Express fractions as multiples of unit fractions. 5.3I multiply fractions and whole numbers. 5.3J use models to divide unit fractions by</p>



		<ul style="list-style-type: none"> <li>Consider various strategies for multiplying a fraction and whole number.</li> <li>Use pictorial models and other strategies when dividing a whole number by a fraction.</li> <li>Analyze information and find and solve hidden questions to solve multi-step problems.</li> </ul>	<p>whole numbers.</p> <p>5.3L Divide unit fractions by whole numbers.</p>
8	<p><b>Topic 10: Expressions and Equations</b>  <b>Lesson 1- Lesson 7</b></p>	<ul style="list-style-type: none"> <li>Simplify a numerical expression using the order of operations.</li> <li>Evaluate numerical expressions with parentheses and brackets, using order of operations.</li> <li>Evaluate numerical expressions with parentheses and brackets, using order of operations.</li> <li>Find rules and write expressions for additive and subtractive patterns</li> </ul>	<p>5.4E Evaluate numerical expressions with parentheses and brackets, using order of operations.</p> <p>5.4F Simplify numerical expressions.</p> <p>5.4 Write algebraic expressions.</p> <p>5.4D write an algebraic expression as a rule for a table of ordered pairs.</p>
9	<p><b>Benchmark</b>  <b>Reinforcement/Review</b></p>		



**3<sup>rd</sup> Quarter**

**Resources:**

Week	Unit/Lesson	Learning Objectives	Reporting Categories
1	<b>Topic 11: Ordered Pairs and the Plane</b> <b>Lesson 1–Lesson 4</b>	<ul style="list-style-type: none"> <li>Name and graph points in the first quadrant of the coordinate plane.</li> <li>Complete a table to make a graph based on a situation that can be described by an addition rule.</li> <li>identify multiplicative patterns when graphing points in the first quadrant of the coordinate plane.</li> </ul>	5.8A Understand the parts of a coordinate plane including the x-axis, y-axis, and origin. 5.8B Use an ordered air to plot a point on a coordinate grid. 5.8B Identify the ordered pairs for a point of a coordinate grid. 5.8C Graph ordered pairs of numbers from a table showing an additive pattern. 5.8C Graph ordered pairs of numbers from a table showing a multiplicative pattern. 5.4C Graph an equation of the form $y=ax$ or $y=x+a$ on a coordinate plane. 5.4D Distinguish between additive and multiplicative patterns in tables and graphs.
2	<b>Topic 12: Two-Dimensional Shapes</b> <b>Lesson 1-Lesson 5</b>	<ul style="list-style-type: none"> <li>Identify polygons based on the number of sides.</li> <li>Classify triangles according to length of its sides and measure of its angles.</li> <li>Learn to classify quadrilaterals.</li> <li>Classify and compare special quadrilaterals.</li> <li>Classify quadrilaterals in a hierarchy of sets and subsets</li> </ul>	5.5 Identify polygons, including triangles, quadrilaterals, pentagons, hexagons, and octagons. 5.5 Identify regular polygons 5.5 Identify attributes of polygons including the number of vertices and sides. 5.5 Classify triangles by lengths and angles.  5.5 Use attribute and properties to classify quadrilaterals. 5.5 Classify quadrilaterals in a hierarchy of sets and subsets.





<p>3</p>	<p><b>Topic 13: Perimeter, Area, and Volume</b> <b>Lesson 1- Lesson 8</b></p>	<ul style="list-style-type: none"> <li>• Find the perimeter of a polygon.</li> <li>• Use formulas to find the area of squares and rectangles.</li> <li>• Represent the process of breaking a figure into parts to find is area.</li> <li>• Construct models to find the number of cubes that make up a rectangular prism.</li> <li>• Solve real world problems involving volume of a rectangular prism.</li> <li>• Analyze a composite solid figure, identify the rectangular prism, and calculate its total volume.</li> </ul>	<p>5.4H solve problems related to perimeter. 5.4H solve problems related to area of a rectangle or square. 5.4H Sole problems related to both perimeter and area. 5.4H Find the area of a composite shape.</p>
<p>4</p>	<p><b>Continued...</b> <b>Topic 13: Perimeter, Area, and Volume</b> <b>Lesson 1-Lesson 8</b></p>	<ul style="list-style-type: none"> <li>• Construct models to find the number of cubes that make up a rectangular prism.</li> <li>• Solve real world problems involving volume of a rectangular prism.</li> <li>• Analyze a composite solid figure, identify the rectangular prism, and calculate its total volume</li> </ul>	<p>5.6A Understand unit cubes and that volume is found by filling a solid with unit cubes. 5.6B Find the volume of a rectangular prism by multiplying the number of layers by the number of cubes in each layer. 5.4G Use model to develop the formulas for the volume of a rectangular prism and a cube.</p>
<p>5</p>	<p><b>Continued...</b> <b>Topic 13: Perimeter, Area, and Volume</b> <b>Lesson 1-Lesson 8</b></p>	<ul style="list-style-type: none"> <li>• Represent the process of breaking a figure into parts to find is area.</li> <li>• Construct models to find the number of cubes that make up a rectangular prism.</li> <li>• Solve real world problems involving volume of a</li> </ul>	<p>5.6A Understand unit cubes and that volume is found by filling a solid with unit cubes. 5.6B Find the volume of a rectangular prism by multiplying the number of layers by the number of cubes in each layer. 5.4G Use model to develop the formulas for the volume of a rectangular prism and a cube.</p>



		<p>rectangular prism.</p> <ul style="list-style-type: none"> <li>Analyze a composite solid figure, identify the rectangular prism, and calculate its total volume</li> </ul>	5.4B Use formulas to solve problems related to perimeter, area, and volume
6	<p><b>Topic 14: Measurement Units and Conversions</b> Lesson 1-Lesson 6</p>	<ul style="list-style-type: none"> <li>Convert customary units of length.</li> <li>Convert customary units of capacity.</li> <li>Convert customary units of weight.</li> <li>Measure the same length using different metric units.</li> <li>Convert metric units of capacity</li> <li>Convert metric units of mass.</li> </ul>	5.7A solve problems by calculating conversions within a measurement system, customary or metric.
7	<p>Continued... <b>Topic 14: Measurement Units and Conversions</b> Lesson 1- Lesson 6</p>	<ul style="list-style-type: none"> <li>Convert customary units of length.</li> <li>Convert customary units of capacity.</li> <li>Convert customary units of weight.</li> <li>Measure the same length using different metric units.</li> <li>Convert metric units of capacity</li> <li>Convert metric units of mass.</li> </ul>	5.7A solve problems by calculating conversions within a measurement system, customary or metric.
8	<p><b>Topic 15: Data Analysis</b> Lesson 1 – Lesson 9</p>	<ul style="list-style-type: none"> <li>Analyze and use information in a dot plot.</li> <li>Organize and represent measurement data.</li> <li>Use bar graphs to answer questions and solve problems.</li> <li>Display survey results in a bar</li> </ul>	<p>5.9C solve one and two-step problems by interpreting dot plots.</p> <p>5.9A make dot plots to organize and represent numerical data including measurement data.</p> <p>5.9C solve one and two-step problems by interpreting bar</p>



		<p>graph.</p> <ul style="list-style-type: none"> <li>• Illustrate how to read data in a stem and leaf plot.</li> <li>• Determine if there is a relationship between the two sets of values in a table.</li> </ul>	<p>graphs.</p> <p>5.9C solve one and two-step problems by interpreting scatterplots.</p> <p>5.9B Make scatterplots to organize and represent discrete paired data</p>
<p>9</p>	<p><b>Continued...</b>  <b>Topic 15: Data Analysis</b>  <b>Lesson 1 – Lesson 9</b></p>	<ul style="list-style-type: none"> <li>• Analyze and use information in a dot plot.</li> <li>• Organize and represent measurement data.</li> <li>• Use bar graphs to answer questions and solve problems.</li> <li>• Display survey results in a bar graph.</li> <li>• Illustrate how to read data in a stem and leaf plot.</li> <li>• Determine if there is a relationship between the two sets of values in a table.</li> </ul>	<p>5.9C solve one and two-step problems by interpreting dot plots.</p> <p>5.9A make dot plots to organize and represent numerical data including measurement data.</p> <p>5.9C solve one and two-step problems by interpreting bar graphs.</p> <p>5.9C solve one and two-step problems by interpreting scatterplots.</p> <p>5.9B Make scatterplots to organize and represent discrete paired data.</p>



**4th Quarter**

Resources:			
Week	Unit/Lesson	Learning Objectives	Reporting Categories
1	<b>Topic 16: Personal Financial Literacy Lesson 1 – Lesson 5</b>	<ul style="list-style-type: none"> <li>List ways country governments can raise money.</li> <li>Explain why they think gross income and net income are different.</li> <li>Explore different ways to pay for an item and discuss which they like better.</li> <li>Create a balanced budget for a given amount of income</li> </ul>	5.10 A define income tax, payroll tax, sales tax, and property tax. 5.10A Find the total cost of a purchase with sales tax. 5.10B Find gross income and net income. 5.10D Keep Financial records 5.10F Balance a budget 5.10E Explain how to balance a budget when expense is more than income.
2	<b>Continue Topic 16: Personal Financial Literacy Lesson 1 – Lesson 5</b>		
3	<b>***Review for STAAR***</b>		
4	<b>***MATH STAAR***</b>		
5	<b>STEP UP TO 6<sup>th</sup> GRADE Lessons1-4</b>		6.2C Locate, compare, and order integers and rational numbers using a number line. 6.3A recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values.
6	<b>STEP UP TO 6th GRADE Lessons 5-7</b>		6.3 A recognize that dividing by a rational number and multiplying by its reciprocal result in equivalent values. 6.4C Give examples of ratios as multiplicative comparisons of 2 quantities describing the



			<p>same attribute.</p> <p>6.4E Represent ratios and percent, with concrete model, fractions, and decimals.</p> <p>6.4G Generate equivalent forms of fractions, decimals, and percent using real world problems, including problems involving money.</p>
7	<p><b>STEP UP TO 6th GRADE</b> <b>Lessons 8-10</b></p>		<p>6.5A Represent mathematical and real-world problems, Involving ratios and rate using scale factors, tables, graphs, and proportions.</p> <p>6.8B Model area formulas for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shape.</p> <p>6.11 Use coordinate geometry to identify locations on a plane. Graph points in all four quadrants using ordered pairs Of rational numbers</p>
8	<p>***STAAR review for Science***</p>		
9	<p>***Science STAAR*** Make-up work /graduation</p>		