

## 5<sup>th</sup> Grade Curriculum Map 2017-18

MONTH	UNIT/ CONTENT	CORE GOALS/SKILLS	STANDARDS WRITTEN ASSESSMENTS	ROUTINES RESOURCES	VOCABULARY
<p><b>September</b></p> <p>Chapter 1</p> <p><b>10 days</b></p>	<p><b>NUMBERS AND OPERATIONS IN BASE TEN</b></p> <p>WHOLE NUMBERS</p>	<p><b>BIG IDEA:</b> Whole numbers can be written in different ways. Numbers are compared and rounded, according to their place value.</p> <p>Count by ten thousands and hundred thousands to 10,000,000.</p> <p>Use place-value charts to show numbers to 10,000,000.</p> <p>Read and write numbers to 10,000,000 in standard form and in word form.</p> <p>Identify the place value of any digit in numbers to 10,000,000.</p> <p>Read and write numbers to 10,000,000 in expanded form.</p> <p>Compare and order numbers to 10,000,000. Identify and complete a number pattern. Find a rule for a number pattern.</p> <p>Round numbers to the nearest thousand. Locate numbers on a number line. Use rounding to estimate or check sums, differences, and products. Use related multiplication facts to estimate quotients.</p> <p><b>Thinking Skills:</b> Comparing Identifying patterns and relationships</p> <p><b>Problem Solving Skills:</b> Look for patterns Use guess and check</p>	<p>CC.2.15.B.1 Apply place-value concepts to show understanding and rounding as they pertain to whole numbers and decimals.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 1 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>hundred thousand word form standard form periods million</p> <p>place value expanded form</p> <p>greater than (&gt;) less than (&lt;)</p> <p>round estimate front-end estimation with adjustment compatible numbers</p>

<p>Chapter 2</p> <p><b>13 days</b></p>	<p>WHOLE NUMBER MULTIPLICATION AND DIVISION</p>	<p><b>BIG IDEAS:</b> Patterns can be used to help you multiply and divide numbers. Numeric expressions can be simplified using the order of operations. Multiplication and division can be used to solve real-world problems.</p> <p>Use a calculator to add, subtract, multiply, and divide whole numbers.</p> <p>Multiply numbers by 10, 100, or 1,000 using patterns. Multiply numbers up to 4-digits by multiples of 10, 100, or 1,000. Use rounding to estimate products.</p> <p>Multiply whole numbers by 10 squared and 10 cubed.</p> <p>Multiply a 2-, 3- or 4-digit number by a 2 – digit number.</p> <p>Divide numbers by 10, 100, or 1,000 using patterns. Divide numbers up to 4-digits by multiples of 10, 100, or 1,000. Use rounding and related multiplication facts to estimate quotients.</p> <p>Divide a 2-, 3-, or 4-digit number by a 2-digit number.</p> <p>Use order of operations to simplify a numeric expression. Evaluate numerical expressions with parentheses, brackets, and braces.</p> <p>Use efficient strategies to solve multi-step problems involving multiplication and division. Express and interpret a product or quotient appropriately.</p>	<p>CC.2.15.B.1 Apply place-value concepts to show understanding and rounding as they pertain to whole numbers and decimals.</p> <p>CC.2.1.5.B.2 Extend an understanding of operations with whole numbers to perform operations including decimals.</p> <p>CC.2.2.5.A.1 Interpret and evaluate numerical expressions using order of operations.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.5 Use appropriate tools strategically</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.7 Look for and make use of structure</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 2 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>product factor exponent base square cube</p> <p>quotient dividend divisor</p> <p>numeric expression order of operations</p>
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<p><b>October</b></p> <p>Chapter 3</p> <p><b>8 days</b></p>	<p>FRACTIONS AND MIXED NUMBERS</p>	<p><b>BIG IDEA:</b> Add and subtract unlike fractions and mixed numbers by rewriting them with like denominators.</p> <p>Add two unlike fractions where one denominator is not a multiple of the other. Estimate sums of fractions.</p> <p>Subtract two unlike fractions where one denominator is not a multiple of the other. Estimate the differences between fractions.</p> <p>Understand and apply the relationships between fractions, mixed numbers, and division expressions.</p> <p>Express fractions, division, expressions, and mixed numbers as decimals.</p> <p>Add mixed numbers with or without renaming. Estimate sums of mixed numbers.</p> <p>Subtract mixed numbers with or without renaming. Estimate differences between mixed numbers.</p> <p>Solve real-world problems involving fractions and mixed numbers.</p> <p><b>Thinking Skills:</b> Analyzing parts and whole</p>	<p>CC.2.1.5.C.1 Use the understanding of equivalency to add and subtract fractions.</p> <p>CC.2.1.5.C.2 Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.7 Look for and make use of structure</p> <p><i>Math in Focus</i> Chapter 3 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>multiple least common multiple least common denominator equivalent fractions benchmarks</p> <p>division expression mixed number</p>

		<p><b>Problem Solving Strategies:</b> Use a model Use before-and-after concepts</p>			
<p><b>November</b> Chapter 4 <b>12 days</b></p>	<p>MULTIPLYING AND DIVIDING FRACTIONS AND MIXED NUMBERS</p>	<p><b>BIG IDEA:</b> Whole numbers, fractions, and mixed numbers can be multiplied or divided in any combination.</p> <p>Multiply proper fractions.</p> <p>Solve real-world problems involving multiplication of proper fractions.</p> <p>Multiply improper fractions by proper fractions.</p> <p>Multiply a mixed number by a whole number. Compare the size of a product to the size of its factors. Multiply whole numbers by proper fractions.</p> <p>Solve real-world problems involving multiplication of whole numbers and mixed numbers.</p> <p>Divide fraction by a whole number. Divide a whole number by a unit fraction.</p> <p>Solve real-world problems involving multiplication and division in fractions. Solve real-world problems involving division of a whole number by a unit fraction.</p> <p><b>Thinking Skill:</b> Identifying patterns and relationships.</p> <p><b>Problem Solving Strategy:</b> Look for a pattern Use a model</p>	<p>CC.2.1.5.C.2 Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.7 Look for and make use of structure</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 4 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>product common factor proper fraction improper fraction mixed number</p> <p>reciprocal</p>

<p>Chapter 5</p> <p><b>11 days</b></p>	<p><b>OPERATIONS AND ALGEBRAIC THINKING</b></p> <p>ALGEBRA</p>	<p><b>BIG IDEA:</b> Algebraic thinking can be used to describe situations and solve real-world problems.</p> <p>Identify and extend number patterns. Identify the relationship between two sets of numbers.</p> <p>Recognize, write, and evaluate simple algebraic expressions in one variable.</p> <p>Simply algebraic expressions in one variable.</p> <p>Write and evaluate inequalities. Solve simple equations.</p> <p>Solve real-world problems involving algebraic expressions.</p> <p><b>Thinking Skill:</b> Sequencing</p> <p><b>Problem Solving Strategy:</b> Make a systematic list</p>	<p>CC.2.2.5.A.1 Interpret and evaluate numerical expressions using order of operations.</p> <p>CC.2.2.5.A.4 Analyze patterns and relationships using two rules.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.7 Look for and make use of structure.</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 5 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>number pattern term variable numerical expression evaluate algebraic expression simplify like terms inequality equation solve true equality properties</p>
<p><b>December</b></p> <p>Chapter 6</p> <p><b>7 days</b></p>	<p><b>NUMBERS AND OPERATIONS IN BASE TEN</b></p> <p>AREA</p>	<p><b>BIG IDEA:</b> Base and height are measurements that are used to find the area of a triangle.</p> <p>Find the area of a rectangle with fractional side lengths by counting square units, and by using a formula.</p> <p>Identify the base given the height of a triangle.</p>	<p>CC.2.1.5.C.2 Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them.</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively.</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online)</p>	<p>vertex side angle base height perpendicular</p> <p>area right triangle</p>

		<p>Identify the height given the base of a triangle.</p> <p>Find the area of a triangle given its base and its height.</p> <p><b>Thinking Skills:</b> Spatial visualization</p> <p><b>Problem Solving Strategies:</b> Look for patterns</p>	<p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics.</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p>CC.K-12.MP.7 Look for and make use of structure</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 6 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	
<p><b>Mid-Dec. – Early Jan..</b></p> <p>Chapter 7</p> <p><b>10 days</b></p>	RATIO	<p><b>BIG IDEA:</b> Two numbers can be compared by subtraction. To or more numbers or quantities can also be compared by division and the comparison expressed as a ratio.</p> <p>read and write ratios.</p> <p>Find equivalent ratios.</p> <p>Solve real-world problems involving ratios.</p> <p>Interpret ratios given in fraction form. Write ratios in fraction form to find how many times as large as one number another number is.</p> <p>Read and write ratios with three quantities. Express equivalent ratios with three quantities.</p> <p>Solve real-world problems involving ratios and fractions.</p>	<p>CC.2.1.5.C.2 Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p><i>Math in Focus</i> Chapter 7 Assessment</p> <p>C Day Fact Fluency checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>ratio term</p> <p>equivalent ratios simplest form greatest common factor</p>

		<p>Solve real-world problems involving ratios with three quantities.</p> <p><b>Thinking Skills:</b> Comparing</p> <p><b>Problem Solving Strategies:</b> Make a systematic list</p>			
<p><b>January</b> Chapter 8 <b>8 days</b></p>	DECIMALS	<p><b>BIG IDEA:</b> Thousandths can be represented with three decimal places or as fractions.</p> <p>Read and write thousandths in decimal and fractional forms. Represent and interpret thousandths in models or in place-value charts. Write a fraction with denominator 1,000 as a decimal.</p> <p>Compare and order decimals to 3 decimal places. Round decimals to the nearest hundredth.</p> <p>Rewrite decimals as fractions and mixed numbers in simplest form.</p> <p><b>Thinking Skill:</b> Identifying relationships</p> <p><b>Problem Solving Strategy:</b> Make a systematic list Use a diagram</p>	<p>CC.2.1.5.B.1 Apply place-value concepts to show an understanding of operations and rounding as they pertain to whole numbers and decimals.</p> <p>CC.2.1.5.B.2 Extend understanding of operations with whole numbers to perform operations including decimals.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 8 Assessment</p> <p>C-Day Fact Fluency check</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	thousandth equivalent

<p><b>Jan. – early Feb.</b></p> <p>Chapter 9</p> <p><b>10 days</b></p>	<p>MULTIPLYING AND DIVIDING DECIMALS</p>	<p><b>BIG IDEA:</b> Decimals can be multiplied and divided in the same way as whole numbers.</p> <p>Multiply tenths and hundredths by a 1-digit whole number.</p> <p>Multiply tenths and hundredths by 10, 100, or 1,000.</p> <p>Multiply tenths and hundredths by powers of 10.</p> <p>Multiply tenths and hundredths by multiples of 10, 100, and 1,000.</p> <p>Divide tenths and hundredths by a 1-digit whole number</p> <p>Round quotients to the nearest tenth or hundredth.</p> <p>Divide tenths and hundredths by 10, 100, or 1,000.</p> <p>Divide tenths and hundredths by multiples of 10, 100, or 1,000.</p> <p>Estimate decimal sums, differences, products, and quotients.</p> <p>Convert from a larger metric unit to a smaller metric unit.</p> <p>Convert from a smaller metric unit to a larger metric unit.</p> <p>Solve real-world problems involving decimals.</p> <p><b>Thinking Skill:</b> Logical reasoning</p> <p><b>Problem Solving Strategy:</b> Use guess and check Make a systematic list</p>	<p>CC.2.1.5.B.1 Apply place-value concepts to show an understanding of operations and rounding as they pertain to whole numbers and decimals.</p> <p>CC.2.1.5.B.2 Extend understanding of operations with whole numbers to perform operations including decimals.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.5 Use appropriate tools strategically</p> <p>CC.K-12.MP.6 Attend to precision</p> <p>CC.K-12.MP.7 Look for and make use of structure</p> <p><i>Math in Focus</i> Chapter 9 Assessment</p> <p>C-Day Fact Fluency Checks</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>dividend per unit</p> <p>estimate divisor</p>
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<p><b>February</b> Chapter 10  <b>10 days</b></p>	<p>PERCENTS</p>	<p><b>BIG IDEA:</b> Percent is another way of expressing a part of a whole. Percent means 'out of 100'.</p> <p>Relate and compare percents, decimals, and fractions.</p> <p>Express fractions as percents.</p> <p>Use different ways to find the number represented by a percent.</p> <p>Solve real-world problems involving percents.</p> <p><b>Thinking Skills:</b> Identifying relationships</p> <p><b>Problem Solving Strategy:</b> Use a model</p>	<p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.4 Model with mathematics.</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p><i>Math in Focus</i> Chapter 10 Assessment</p> <p>C-Day Fact Fluency Check</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>percent</p> <p>sales tax</p> <p>meals tax</p> <p>discount</p> <p>interest</p>
<p><b>March</b> Chapter 11  <b>13 days</b></p>	<p>GRAPHS AND PROBABILITY</p>	<p><b>BIG IDEA:</b> Displaying data in a graph highlights some features of the data. Probability measures the likelihood of an event occurring.</p> <p>Make a line plot to represent data given in fractions of a unit. Use fractions and their operations to solve problems using data.</p> <p>Make and interpret a double bar graph.</p> <p>Read points on a coordinate grid. Plot points on a coordinate grid. Graph an equation.</p> <p>Compare two sets of data using tables, graphs, and equations. Generate, graph, and compare two number patterns.</p>	<p>CC.2.3.5.A.1 Graph points in the first quadrant on the coordinate plane and interpret these points when solving real world and mathematical problems.</p> <p>CC.2.2.5.A.4 Analyze patterns and relationships using two rules.</p> <p>CC.2.4.5.A.4 Solve problems involving computation of fractions using information provided in a line plot.</p> <p>CC.K-12.MP.1 Solve problems and persevere in solving them</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>double bar graph</p> <p>key</p> <p>coordinate grid</p> <p>x-axis</p> <p>y-axis</p> <p>coordinate plane</p> <p>coordinates</p> <p>ordered pair</p> <p>x-coordinate</p> <p>y-coordinate</p> <p>origin</p> <p>straight line</p> <p>graph</p> <p>equation</p> <p>combinations</p> <p>organized list</p> <p>tree diagram</p> <p>favorable outcome</p> <p>theoretical probability</p>

		<p>List and count all possible combinations. Draw a tree diagram to show all possible combinations. Use multiplication to find the number of combinations.</p> <p>Find the experimental probability of an outcome. Compare the results of an experiment with the theoretical probability.</p> <p><b>Thinking Skills:</b> Comparing</p> <p><b>Problem Solving Strategies:</b> Use a diagram</p>	<p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p>CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 11 Assessment</p> <p>C-Day Fact Fluency Check</p>		experimental probability
<p><b>April</b></p> <p>Chapter 12</p> <p><b>7 days</b></p>	<p><b>GEOMETRY</b></p> <p>ANGLES</p>	<p><b>BIG IDEAS:</b> The sum of angle measure on a line is <math>180^\circ</math>. The sum of an angle measure at a point is <math>360^\circ</math>. Vertical angles have equal measures.</p> <p>Understand and apply the property that the sum of angle measures on a line is <math>180^\circ</math>.</p> <p>Understand and apply the property that the sum of angle measures at a point is <math>360^\circ</math>.</p> <p>Understand and apply the property that vertical angles have equal measures.</p> <p><b>Thinking Skill:</b> Deduction</p> <p><b>Problem Solving Strategies:</b> Use a diagram</p>	<p>CC.K-12.MP.1 Make sense of problems and persevere in solving them.</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively.</p> <p>CC.K-12.MP.4 Model with mathematics.</p> <p>CC.K-12.MP.5 Use appropriate tools strategically.</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p><i>Math in Focus</i> Chapter 12 Assessment</p> <p>C Day Fact Fluency Check</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>angles on a line</p> <p>angles on a point</p> <p>intersecting lines</p> <p>vertical angles</p>
<p><b>May</b></p> <p>Chapter 13</p>	<p>PROPERTIES OF TRIANGLES</p>	<p><b>BIG IDEA:</b> Properties of geometric figures state relationships among angles or sides of the figures. Triangles and four-sided figures have their own special properties.</p>	<p>CC.2.3.5.A.2 Classify two-dimensional figures into categories based on an understanding of their properties.</p>	<p>Morning Meeting</p>	<p>equilateral triangle</p> <p>isosceles triangle</p> <p>scalene triangle</p>

<p><b>14 days</b></p>	<p>AND FOUR-SIDED FIGURES</p>	<p>Classify triangles by their side lengths and angle measures.</p> <p>Understand and apply the property that the sum of the angle measure of a triangle is <math>180^\circ</math>.</p> <p>Understand and apply the properties of right, isosceles, and equilateral triangles.</p> <p>Understand that the sum of the length of any two sides of a triangle is greater than the length of the third side.</p> <p>Understand and apply the properties of parallelogram, rhombus, and trapezoid.</p> <p><b>Thinking Skills:</b> Spatial visualization</p> <p><b>Problem Solving Strategy:</b> Simplify the problem</p>	<p>CC.K-12.MP.1 Make sense of problems and persevere in solving them.</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively.</p> <p>CC.K-12.MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision.</p> <p><i>Math in Focus</i> Chapter 13 Assessment</p> <p>C- Day Fact Fluency Check</p>	<p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>right triangle obtuse triangle acute triangle</p>
<p>May- June Chapter 14 <b>15 days</b></p>	<p>MEASUREMENT AND DATA</p> <p>SURFACE AREA AND VOLUME</p>	<p><b>BIG IDEAS:</b> The volume of cubes and rectangular prisms can be expressed as the number of cubic units they contain. The surface area of a solid is the sum of the areas of all its faces.</p> <p>Build solids using unit cubes. Determine the number of unit cubes in an irregular solid</p> <p>Draw a cube and a rectangular prism on dot paper Complete a partially drawn cue and rectangular prism on dot paper</p> <p>Identify and classify prisms and pyramids. Identify the solid figure that can be formed from a net.</p>	<p>CC.2.1.5.B.2 Extend an understanding of operations with whole numbers to perform operations including decimals.</p> <p>CC.2.4.5.A.1 Solve problems using conversions within a given measurement system.</p> <p>CC.2.4.5.A.5 Apply concepts of volume to solve problems and relate volume to multiplication and to addition.</p> <p>CC.K-12.MP.1 Make sense of problems and persevere in solving them.</p> <p>CC.K-12.MP.2 Reason abstractly and quantitatively.</p>	<p>Morning Meeting</p> <p>Warm Up/ Number Talks</p> <p>QUICK TABLES (ALEKS online program)</p> <p><i>Math in Focus</i> Textbook 2015 Houghton Mifflin Harcourt</p>	<p>unit cube face edge</p> <p>rectangular prism</p> <p>prism base vertex net square pyramid triangular pyramid pyramid triangular prism</p> <p>surface area</p>

		<p>Find the surface area of a prism by adding the areas of all faces.</p> <p>Find the volumes of cubes and rectangular prisms. Find the volume of a solid constructed from unit cubes. Compare volumes of cubes, rectangular prisms, and other objects.</p> <p>Use a formula to find the volume of a rectangular prism. Find the capacity of a rectangular container. Solve word problems involving volume of rectangular prisms and liquids.</p> <p>Find the volume of a solid figure composed of two rectangular prisms. Solve real-world problems on the volume of a composite solid.</p> <p><b>Thinking Skills</b> Spatial visualization</p> <p><b>Problem Solving Strategy</b> Look for patterns Make a systematic list Act it out</p>	<p>CC.K-12.MP.4 Model with mathematics</p> <p>CC.K-12.MP.6 Attend to precision. CC.K-12.MP.8 Look for and express regularity in repeated reasoning</p> <p><i>Math in Focus</i> Chapter 14 Assessment</p> <p>C-Day Fact Fluency Check</p>		
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