

**Financial Literacy and Career Exploration Mathematics Infused Standards**

**Grade Level:** 3

**Subject:** Math

**Topic:** Financial Literacy and Career Exploration

**Pacing:** Ongoing throughout the year

**Primary Interdisciplinary Connections:**

English Language Arts, Social Studies, Health, Science, World Language

**New Jersey Student Learning Standards 2014**

[https://docs.google.com/document/d/1sBiARk7yaPV\\_NQhMh5cJJ\\_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing](https://docs.google.com/document/d/1sBiARk7yaPV_NQhMh5cJJ_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing)

**9.1 Personal Financial Literacy**

This standard outlines the important fiscal knowledge, habits, and skills that must be mastered in order for students to make informed decisions about personal finance. Financial literacy is an integral component of a student's college and career readiness, enabling students to achieve fulfilling, financially secure, and successful careers.

**9.2 Career Awareness, Exploration, and Preparation**

This standard outlines the importance of being knowledgeable about one's interests and talents, and being well informed about postsecondary and career options, career planning, and career requirements.

**Transfer Goal:** *Students will be increasingly able to independently use their learning to...*

- Students will possess the fiscal skills and knowledge to make informed financial decisions
  - The systematic integration of 21st-century life and career skills across the K-12 curriculum and in career and technical education programs fosters a population that:
    - Applies critical thinking and problem-solving skills to make reasoned decisions at home, in the workplace, and in the global community.
    - Uses effective communication, communication technology, and collaboration skills to interact with cultural sensitivity in diverse communities and to work in cross-cultural teams in the multinational workplace.
    - Is financially literate and financially responsible at home and in the broader community.
    - Demonstrates creative and entrepreneurial thinking by recognizing and acting on promising opportunities while accepting responsibility for

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possible risks.

- Is knowledgeable about careers and can plan, execute, and alter career goals in response to changing societal and economic conditions.
- Produces community, business, and political leaders who demonstrate core ethical values, including the values of democracy and free enterprise, during interactions with the global community.

**Formative and Alternate Assessment Tasks:**

Classroom economy project

**Benchmark and Summative Assessment Transfer Tasks:**

*Students will apply the skills, knowledge, and/or attitudes that were learned into one or more of the following...*

- Link It
- Career and life choices project: choose a career path and research the pathway and outcomes and future impacts of the chosen career.

**Resources:**

[www.NGPF.org](http://www.NGPF.org) One line resources, Discovery Education, Scholastic News, Google classroom  
<https://www.nj.gov/education/aps/cccs/career/resources.htm>

**Rationale:** Content Statement

**Income and Careers**

9.1.4.A.3 Explain how income affects spending and take-home pay.

**Money Management**

9.1.4.B.3 Explain what a budget is and why it is important

**Credit and Debt Management**

9.1.4.C.4 Determine the relationships among income, expenses, and interest.

9.1.4.C.5 Determine personal responsibility related to borrowing and lending.

9.1.4.C.6 Summarize ways to avoid credit problems.

**Planning, Saving and Investing**

9.1.4.D.3 Distinguish between saving and investing

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Unit 1 Third Grade		
Pacing: 45 days		
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
Unit 1  Multiplication, Division and Concepts of Area	<ul style="list-style-type: none"> <li>■ 3.OA.A.1</li> <li>■ 3.OA.A.2</li> <li>■ 3.OA.A.3</li> <li>■ 3.OA.A.4</li> <li>■ 3.OA.B.6</li> <li>■ 3.MD.C.5</li> <li>■ 3.MD.C.6</li> <li>■ 3.MD.C.7a-b</li> <li>◎ 3.NBT.A.1</li> <li>◎ 3.NBT.A.3</li> </ul>	<ul style="list-style-type: none"> <li>● Represent and solve problems involving multiplication and division</li> <li>● Understand properties of multiplication and the relationship between multiplication and division</li> <li>● Understand concepts of area and relate area to multiplication and addition (Geometric measurement)</li> <li>● Use place value understanding and properties of operations to perform multi-digit arithmetic</li> </ul>
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
3.OA.A.1. Interpret products of whole numbers, e.g., interpret $5 \times 7$ as the total number of objects in 5 groups of 7 objects each. For example, describe and/or represent a context in which a total number of objects can be expressed as $5 \times 7$ .	MP 2 Reason abstractly and quantitatively. MP.4 Model with mathematics.	Concept(s): <ul style="list-style-type: none"> <li>● Multiplication is a means to determine the total number of objects when there are a specific number of groups with the same number of objects in each group.</li> <li>● Multiplication gives the same result as repeated addition.</li> <li>● Product of two whole numbers is the total number of objects in a number of equal groups.</li> </ul> Students are able to: <ul style="list-style-type: none"> <li>● interpret products of whole numbers as a total number of objects.</li> <li>● use repeated addition to find the total number of objects arranged in an array and in equal groups and compare to the result of multiplication.</li> <li>● describe a context in which a total number of objects is represented by a product.</li> <li>● interpret the product in the context of a real-world problem.</li> </ul> Learning Goal 1: Interpret products of whole numbers as repeated addition and as the total number of objects (up to 100) in equal groups or arrays.
3.OA.A.2. Interpret whole-number quotients of whole numbers, e.g.,	MP 2 Reason abstractly and	Concept(s):

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<p>interpret <math>56 \div 8</math> as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. For example, describe and/or represent a context in which a number of shares or a number of groups can be expressed as <math>56 \div 8</math>.</p>	<p>quantitatively. MP.4 Model with mathematics.</p>	<ul style="list-style-type: none"> <li>• Division is a means to finding equal groups of objects.</li> <li>• Division gives the same result as repeated subtraction.</li> <li>• Quotient of two whole numbers is the number of objects in each share when objects are grouped equally into shares.</li> <li>• Quotient of two whole numbers is the number of shares when objects are grouped into equal shares of objects.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• interpret division of whole numbers as a number of equal shares or the number of groups when objects are divided equally.</li> <li>• use repeated subtraction to find the number of shares or the number of groups and compare to the result of division.</li> <li>• describe a context in which the number of shares or number of groups is represented with division.</li> <li>• interpret the quotient in the context of a real-world problem.</li> </ul> <p>Learning Goal 2: Interpret the quotient as a set of objects (up to 100) partitioned equally into a number of shares and as the number of equal shares.</p>
<p>3.OA.A.3. Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP.4 Model with mathematics.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Equal sign indicates that the value of the numerical expressions on each side are the same.</li> <li>• Unknown in an equation (<math>4 \times \underline{\quad} = 20</math> and <math>20 = ? \times 4</math>) represents a number.</li> <li>• Unknown can be in different positions.</li> <li>• Letters can represent numbers in equations.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• determine which operation is needed to find the unknown</li> <li>• multiply or divide, within 100, to find the unknown whole number in a multiplication or division equation.</li> </ul> <p>Learning Goal 4: Determine the unknown in a division or multiplication equation relating 3 whole numbers (within 100).</p>
<p>3.OA.A.4. Determine the unknown whole number in a multiplication or</p>	<p>MP.2 Reason abstractly and quantitatively.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Division can be represented as a multiplication problem having an unknown factor.</li> </ul>

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<p>division equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations <math>8 \times ? = 48</math>, <math>5 = \div 3</math>, <math>6 \times 6 = ?</math>.</p>	<p>MP.7 Look for and make use of structure.</p>	<ul style="list-style-type: none"> <li>Relationships between factors, products, quotients, divisors and dividends.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>write division number sentences as unknown factor problems.</li> <li>solve division of whole numbers by finding the unknown factor.</li> </ul> <p>Learning Goal 5: Solve division of whole numbers by representing the problem as an unknown factor problem.</p>
<p>3.OA.B.6. Understand division as an unknown-factor problem. For example, find <math>32 \div 8</math> by finding the number that makes 32 when multiplied by 8.</p>	<p>MP.3 Construct viable arguments and critique the reasoning of others. MP.6 Attend to precision. MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Division can be represented as a multiplication problem having an unknown factor.</li> <li>Relationships between factors, products, quotients, divisors and dividends.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>write division number sentences as unknown factor problems.</li> <li>solve division of whole numbers by finding the unknown factor.</li> </ul> <p>Learning Goal 5: Solve division of whole numbers by representing the problem as an unknown factor problem.</p>
<p>3.MD.C.5. Recognize area as an attribute of plane figures and understand concepts of area measurement.</p> <p>3.MD.C.5a. A square with side length 1 unit, called “a unit square,” is said to have “one square unit” of area, and can be used to measure area.</p> <p>3.MD.C.5b. A plane figure which can be covered without gaps or overlaps by <math>n</math> unit squares is said to have an area of <math>n</math> square units.</p> <p>3.MD.C.6. Measure areas by counting unit squares (square cm, square m, square in, square ft, and non-standard</p>	<p>MP.2 Reason abstractly and quantitatively. MP.4 Model with mathematics. MP.5 Use appropriate tools strategically. MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Area is the amount of space inside the boundary of a (closed) figure.</li> <li>Square with side length 1 unit, called “a unit square,” is said to have “one square unit” of area, and can be used to measure area.</li> <li>Plane figure which can be covered without gaps or overlaps by <math>n</math> unit squares is said to have an area of <math>n</math> square units area can be found by covering a figure with unit squares.</li> <li>Area of a figure can be determined using unit squares of other dimensions.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>count unit squares in order to measure the area of a figure.</li> <li>use unit squares of centimeters, meters, inches, feet, and other units to measure area.</li> </ul> <p>Learning Goal 6: Measure areas by counting unit squares (cm<sup>2</sup>, m<sup>2</sup>, in<sup>2</sup>, ft<sup>2</sup>, and improvised units).</p>

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units).		
<p>3.MD.C.7. Relate area to the operations of multiplication and addition.</p> <p>3.MD.C.7a. Find the area of a rectangle with whole-number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths.</p> <p>3.MD.C.7b. Multiply side lengths to find areas of rectangles with whole-number side lengths in the context of solving real world and mathematical problems, and represent whole-number products as rectangular areas in mathematical reasoning.</p>	<p>MP.4 Model with mathematics. MP.5 Use appropriate tools strategically.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Area of a rectangle is found by multiplying the side lengths.</li> <li>• Area of a rectangle may be found by tiling.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• tile a rectangle with unit squares.</li> <li>• multiply side lengths of a rectangle to find its area and compare the result to that found by tiling the rectangle with unit squares.</li> <li>• solve real world and mathematical problems involving measurement.</li> <li>• represent a rectangular area as the product of whole-numbers.</li> </ul> <p>Learning Goal 7: Tile a rectangle to find its area and explain the relationship between tiling and multiplying side lengths to find the area of rectangles; solve real world problems by multiplying side lengths to find areas of rectangles.</p>
<p>3.NBT.A.1. Round whole numbers to the nearest 10 or 100.</p>	<p>MP 2 Reason abstractly and quantitatively.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Rounding leads to an approximation or estimate.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• use number lines and a hundreds charts to explain rounding numbers to the nearest 10 and 100.</li> <li>• round a whole number to the nearest 10.</li> <li>• round a whole number to the nearest 100.</li> </ul> <p>Learning Goal 8: Round whole numbers to the nearest 10 or 100.</p>
<p>3.NBT.A.3. Multiply one-digit whole numbers by multiples of 10 in the range 10 to 90 (e.g., <math>9 \times 80</math>, <math>5 \times 60</math>) using strategies based on place value and properties of operations.</p>	<p>MP 2 Reason abstractly and quantitatively.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Multiples of 10 can be represented as a specific number of groups of ten.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• multiply to determine the total number of groups of ten.</li> <li>• multiply one-digit whole numbers by multiples of 10.</li> </ul>

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		Learning Goal 9: Multiply one digit whole numbers by multiples of 10 (10-90).
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Unit 1 Third Grade	
Formative, Alternate, Benchmark and Summative Assessments Study Island Bridges checkups Quizzes Math Fluency Assessments Tests Pair and Share Benchmarks Performance Assessments Bridges Post Assessments Observations Exit and Entrance Tickets Self Evaluations	
<b>Accommodations &amp; modifications for special education, ELL,G&amp;T, 504 plans and At Risk Learners</b>	<b>Integration of NJSLs 21<sup>st</sup> Century Skills, Life and Career Standards 9.1 CRP, 9.2 Financial Literacy, and 9.3 Career Awareness</b>
<a href="https://docs.google.com/document/d/1OOotX2EluJaPydBBcm-l6_Jo6n-j0uEq13YX0q3MDVM/edit?usp=sharing">https://docs.google.com/document/d/1OOotX2EluJaPydBBcm-l6_Jo6n-j0uEq13YX0q3MDVM/edit?usp=sharing</a>	iPads Google Classroom <a href="https://docs.google.com/document/d/1sBiARk7yaPV_NOhMh5cJJ_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing">https://docs.google.com/document/d/1sBiARk7yaPV_NOhMh5cJJ_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing</a>
<b>Interdisciplinary Connections</b> ELA, STEM, Science, Visual and Performing Arts	<b>Core instructional and supplemental materials</b>
NSLS Technology: <a href="https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing">https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing</a>	Bridges Math Program Study Island by Edmentum 3.OA.A.2 <a href="#">Fish Tanks</a> 3.OA.A.3 <a href="#">Analyzing Word Problems Involving Multiplication</a> 3.OA.A.4 <a href="#">Finding the unknown in a division equation</a> 3.MD.C.6 <a href="#">Finding the Area of Polygons</a> 3.MD.C.7a <a href="#">India's Bathroom Tiles</a> 3.NBT.A.1 <a href="#">Rounding to 50 or 500</a> 3.NBT.A.1 <a href="#">Rounding to the Nearest Ten and Hundred</a> 3.NBT.A.3 <a href="#">How Many Colored Pencils?</a>



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Unit 2 Third Grade		
Pacing: 45 days		
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
Unit 2  Modeling Multiplication, Division and Fractions	■ 3.OA.A.3 ■ 3.OA.B.5 ■ 3.MD.C.7c ■ 3.MD.C.7d ■ 3.OA.C.7 ■ 3.OA.D.8 ■ 3.OA.D.9 ◎ 3.NBT.A.2 ■ 3.NF.A.1 ● 3.G.A.2	<ul style="list-style-type: none"> <li>• Represent and solve problems involving multiplication and division</li> <li>• Understand properties of multiplication and the relationship between multiplication and division</li> <li>• Geometric measurement: understand concepts of area and relate area to multiplication and to addition</li> <li>• Multiply and divide within 100</li> <li>• Solve problems involving the four operations, and identify and explain patterns in arithmetic</li> <li>• Use place value understanding and properties of operations to perform multi-digit arithmetic</li> <li>• Develop understanding of fractions as numbers.</li> <li>• Reason with shapes and their attributes</li> </ul>
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
3.OA.A.3. Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	MP.1 Make sense of problems and persevere in solving them. MP.4 Model with mathematics.	Concept(s): No new concept(s) introduced  Students are able to: <ul style="list-style-type: none"> <li>• multiply to solve word problems involving arrays and measurement quantities (area).</li> <li>• divide to solve word problems involving arrays and measurement quantities (area).</li> <li>• represent a word problem with a drawing or array.</li> <li>• represent a word problem with an equation.</li> </ul> Learning Goal 1: Use multiplication and division within 100 to solve word problems involving measurement quantities (area) using drawings.
3.OA.B.5. Apply properties of operations as strategies to multiply and divide.  Examples: If $6 \times 4 = 24$ is known, then $4 \times 6 = 24$ is also known.	MP.3 Construct viable arguments and critique the reasoning of others. MP.5 Use appropriate tools strategically. MP.6 Attend to precision. MP.7 Look for and make use of structure.	Concept(s): <ul style="list-style-type: none"> <li>• Properties are rules about relationships between numbers.</li> <li>• Changing the order of factors does not change the result of multiplication.</li> <li>• Changing the order of numbers does change the result of division.</li> <li>• Area of a rectangle with whole-number side lengths <math>a</math> and <math>b + c</math> is the sum of <math>a \times b</math> and <math>a \times c</math>.</li> <li>• Area models can be used to represent the distributive property.</li> </ul>



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<p>(Commutative property of multiplication.) <math>3 \times 5 \times 2</math> can be found by <math>3 \times 5 = 15</math>, then <math>15 \times 2 = 30</math>, or by <math>5 \times 2 = 10</math>, then <math>3 \times 10 = 30</math>. (Associative property of multiplication.) Knowing that <math>8 \times 5 = 40</math> and <math>8 \times 2 = 16</math>, one can find <math>8 \times 7</math> as <math>8 \times (5 + 2) = (8 \times 5) + (8 \times 2) = 40 + 16 = 56</math>. (Distributive property.)          * [Students need not use the formal terms for these properties.]          * [Limit to single digit factors and multipliers. <math>7 \times 4 \times 5</math> would exceed grade 3 expectations because it would result in a two-digit multiplier (<math>28 \times 5</math>)]</p> <p>3.MD.C.7. Relate area to the operations of multiplication and addition.</p> <p>3.MD.C.7c. Use tiling to show in a concrete case that the area of a rectangle with whole-number side lengths <math>a</math> and <math>b + c</math> is the sum of <math>a \times b</math> and <math>a \times c</math>. Use area models to represent the distributive property in mathematical reasoning.</p>		<p>Students are able to:</p> <ul style="list-style-type: none"> <li>● multiply whole numbers using the commutative property as a strategy.</li> <li>● multiply whole numbers using the associative property as a strategy.</li> <li>● use tiling to show that the area of a rectangle with whole-number side lengths <math>a</math> and <math>b + c</math> is the sum of <math>a \times b</math> and <math>a \times c</math>.</li> <li>● multiply whole numbers using the distributive property as a strategy.</li> </ul> <p>Learning Goal 2: Multiply one-digit whole numbers by applying the properties of operations (commutative, associative, and distributive properties).</p> <p>Learning Goal 3: Use tiling and an area model to represent the distributive property.</p>
<p>3.MD.C.7. Relate area to the operations of multiplication and addition.</p>	<p>MP.3 Construct viable arguments and critique the reasoning of others.          MP.5 Use appropriate tools strategically.          MP.6 Attend to precision.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>● Areas of rectilinear figures can be determined by decomposing them into non-overlapping rectangles and adding the areas of the parts.</li> </ul>

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<p>3.MD.C.7d. Recognize area as additive. Find areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts, applying this technique to solve real world problems.</p>	<p>MP.7 Look for and make use of structure.</p>	<p>Students are able to:</p> <ul style="list-style-type: none"> <li>● decompose rectilinear figures into non-overlapping rectangles</li> <li>● find areas of non-overlapping rectangles and add to find the area of the rectilinear figure.</li> <li>● solve real world problems involving area of rectilinear figures.</li> </ul> <p>Learning Goal 4: Solve real-world problems involving finding areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts.</p>
<p>3.OA.C.7. Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that <math>8 \times 5 = 40</math>, one knows <math>40 \div 5 = 8</math>) or properties of operations.</p> <p>By the end of Grade 3, know from memory all products of two one-digit numbers.</p>	<p>MP 2 Reason abstractly and quantitatively. MP.7 Look for and make use of structure. MP.8 Look for and express regularity in repeated reasoning.</p>	<p>Concept(s): No new concept(s) introduced</p> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● multiply and divide within 40 with accuracy and efficiency</li> </ul> <p>Learning Goal 5: Fluently multiply and divide within 40 using strategies such as the relationship between multiplication and division.</p>
<p>3.OA.D.8. Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP 2 Reason abstractly and quantitatively. MP.3 Construct viable arguments and critique the reasoning of others. MP 4. Model with mathematics MP.5 Use appropriate tools strategically. MP.6 Attend to precision.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>● Letters or symbols in an equation represent an unknown quantity.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● represent the solution to two-step word problems with equations.</li> <li>● use a symbol to represent an unknown in an equation.</li> <li>● use rounding as an estimation strategy.</li> <li>● explain, using an estimation strategy, whether an answer is reasonable.</li> </ul> <p>Learning Goal 6: Write equations when solving two-step word problems, using a symbol for an unknown; find the value of an unknown in an equation involving any of the four operations and use estimation strategies to assess the reasonableness of answers.</p>

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<p>3.OA.D.9. Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.</p> <p>For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends.</p>	<p>MP.3 Construct viable arguments and critique the reasoning of others. MP.6 Attend to precision. MP.7 Look for and make use of structure. MP.8 Look for and express regularity in repeated reasoning.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Addition and multiplication tables reveal arithmetic patterns.</li> <li>Patterns may be related to whether a number is even or odd.</li> <li>Patterns exist in rows, columns and diagonals of addition tables and multiplication tables.</li> <li>Decomposing numbers into equal addends may reveal patterns.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>explain arithmetic patterns using properties of operations.</li> </ul> <p>Learning Goal 7: Recognize arithmetic patterns, including patterns in addition or multiplication tables, and explain the patterns using properties of operations.</p>
<p>3.NBT.A.2. Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.</p>	<p>MP.2 Reason abstractly and quantitatively.</p>	<p>Concept(s): No new concept(s) introduced</p> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>add and subtract two 2-digit whole numbers within 100 with accuracy and efficiency.</li> </ul> <p>Learning Goal 8: Fluently add and subtract (with regrouping) two 2-digit whole numbers within 100.</p>
<p>3.NF.A.1. Understand a fraction <math>\frac{1}{b}</math> as the quantity formed by 1 part when a whole is partitioned into <math>b</math> equal parts; understand a fraction <math>\frac{a}{b}</math> as the quantity formed by <math>a</math> parts of size <math>\frac{1}{b}</math>.</p> <p>*[Grade 3 expectations in this domain are limited to fractions with denominators 2, 3, 4, 6, and 8.]</p> <p>3.G.A.2. Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole. For example, partition a shape into 4 parts having equal area and</p>	<p>MP.2 Reason abstractly and quantitatively. MP.5 Use appropriate tools strategically. MP.6 Attend to precision. MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Wholes, when partitioned into equal parts, contain parts representing a unit fraction and each part is the same size.</li> <li>Each part has the same name and represents a unit fraction (one-half, one-third, one-fourth, one-sixth, one-eighth).</li> <li>The denominator is the total number of parts in the whole.</li> <li>The numerator is the number of parts in a given fraction.</li> <li>Fraction <math>\frac{1}{b}</math> is the quantity formed by 1 part when a whole is partitioned into <math>b</math> equal parts.</li> <li>Fraction <math>\frac{a}{b}</math> as the quantity formed by <math>a</math> parts of size <math>\frac{1}{b}</math> (e.g. <math>\frac{10}{2}</math> is 10 parts and each part is of size <math>\frac{1}{2}</math>).</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>partition rectangles, and other shapes, into halves, thirds, fourths, sixths and eighths.</li> <li>identify the fractional name of each part.</li> </ul>

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<p>describe the area of each part as <math>\frac{1}{4}</math> of the area of the shape.</p>		<ul style="list-style-type: none"> <li>model and explain that a fraction <math>\frac{a}{b}</math> is the quantity formed by a parts of size <math>\frac{1}{b}</math> (For example, <math>\frac{10}{2}</math> is 10 parts and each part is of size <math>\frac{1}{2}</math>).</li> </ul> <p>Learning Goal 9: Partition shapes into parts with equal areas and express the area of each part as a unit fraction; interpret the unit fraction <math>\frac{1}{b}</math> as the quantity formed by 1 of b equal parts of a whole and the fraction <math>\frac{a}{b}</math> as the quantity formed by a parts of size <math>\frac{1}{b}</math>.</p>
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Unit 2 Third Grade	
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<b>Accommodations &amp; modifications for special education, ELL,G&amp;T, 504 plans and At Risk Learners</b>	<b>Integration of NJSLs 21<sup>st</sup> Century Skills, Life and Career Standards 9.1 CRP, 9.2 Financial Literacy, and 9.3 Career Awareness</b>
<a href="https://docs.google.com/document/d/1OOotX2EIuJaPydBBcm-l6_Jo6n-j0uEqI3YX0q3MDVM/edit?usp=sharing">https://docs.google.com/document/d/1OOotX2EIuJaPydBBcm-l6_Jo6n-j0uEqI3YX0q3MDVM/edit?usp=sharing</a>	iPads Google Classroom <a href="https://docs.google.com/document/d/1sBiARk7yaPV_NQhMh5cJJ_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing">https://docs.google.com/document/d/1sBiARk7yaPV_NQhMh5cJJ_wJb0Rj9nEUvxJKsE-8xvw/edit?usp=sharing</a>
<b>Interdisciplinary Connections</b> ELA, STEM, Science, Visual and Performing Arts	<b>Core instructional and supplemental materials</b>
NSLS Technology: <a href="https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing">https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing</a>	Bridges Math Program Study Island by Edmentum 3.OA.A.3 <a href="#">Two Interpretations of Division</a> 3.OA.B.5 <a href="#">Valid Equalities? (Part 2)</a> 3.MD.C.7c <a href="#">Introducing the Distributive Property</a> 3.OA.C.7 <a href="#">Kiri's Multiplication Matching Game</a> 3.OA.D.8 <a href="#">The Class Trip</a> 3.OA.D.9 <a href="#">Addition Patterns</a> 3.NF.A.1 <a href="#">Naming the Whole for a Fraction</a> 3.G.A.2 <a href="#">Representing Half of a Circle</a>

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Unit 3 Third Grade		
Pacing: 45 days		
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
Unit 3  Fractions as Numbers and Measurement	<ul style="list-style-type: none"> <li>■ 3.NF.A.2</li> <li>■ 3.NF.A.3</li> <li>■ 3.MD.A.1</li> <li>■ 3.MD.A.2</li> <li>● 3.G.A.1</li> <li>⊙ 3.MD.D.8</li> <li>■ 3.OA.C.7</li> </ul>	<ul style="list-style-type: none"> <li>● Develop understanding of fractions as numbers</li> <li>● Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects</li> <li>● Reason with shapes and their attributes</li> <li>● Recognize perimeter as an attribute of plane figures and distinguish between linear and area measure</li> <li>● Multiply and divide within 100</li> </ul>
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
<p>3.NF.A.2. Understand a fraction as a number on the number line; represent fractions on a number line diagram.</p> <p>3.NF.A.2a. Represent a fraction <math>\frac{1}{b}</math> on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into <math>b</math> equal parts. Recognize that each part has size <math>\frac{1}{b}</math> and that the endpoint of the part based at 0 locates the number <math>\frac{1}{b}</math> on the number line.</p> <p>3.NF.A.2b. Represent a fraction <math>\frac{a}{b}</math> on a number line diagram by marking off a lengths <math>\frac{1}{b}</math> from 0. Recognize that the resulting interval has size <math>\frac{a}{b}</math> and that its endpoint locates the number <math>\frac{a}{b}</math> on the number line.</p> <p>*[Grade 3 expectations in this domain are limited to fractions with denominators 2, 3, 4, 6, and 8.]</p>	<p>MP.5 Use appropriate tools strategically.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>● Fraction is a number and has its place on the number line.</li> <li>● When placing unit fractions on a number line, the space between 0 and 1 is the whole and must be partitioned into equal parts.</li> <li>● Each part of a whole has the same size (one-half, one-third, one-fourth, one-sixth or one-eighth).</li> <li>● Parts of the whole that begin at 0 and ends at <math>\frac{1}{b}</math> on the number line is the location of fraction <math>\frac{1}{b}</math> (one-half, one-third, one-fourth, one-sixth, or one-eighth).</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● partition a number line into parts of equal sizes between 0 and 1 (halves, thirds, fourths sixths and eighths).</li> <li>● plot unit fractions on the number line.</li> <li>● identify multiple parts (of length <math>\frac{1}{b}</math>) on the number line.</li> <li>● plot a fraction on the number line by marking off multiple parts of size <math>\frac{1}{b}</math>.</li> <li>● plot fractions equivalent to whole numbers including 0 and up to 5.</li> </ul> <p>Learning Goal 1: Draw a number line depicting the position of <math>\frac{1}{b}</math> (with <math>b = 2, 3, 4, 6,</math> or <math>8</math>); represent the unit fraction <math>\frac{1}{4}</math> on the number line by partitioning the number line between 0 and 1 into 4 equal lengths and name the point at the end of the first length as the position of the unit fraction <math>\frac{1}{4}</math>; apply the same method for placing points <math>\frac{1}{2}, \frac{1}{3}, \frac{1}{6},</math> and <math>\frac{1}{8}</math> on the number line.</p>



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		<p>Learning Goal 2: Draw a number line depicting the position of fraction <math>a/b</math> (with <math>b = 2, 4, 3, 6,</math> or <math>8,</math> and including whole numbers up to <math>5</math>).</p>
<p>3.NF.A.3. Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size</p> <p>3.NF.A.3a. Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line.</p> <p>3.NF.A.3b. Recognize and generate simple equivalent fractions, e.g., <math>1/2 = 2/4, 4/6 = 2/3</math>. Explain why the fractions are equivalent, e.g., by using a visual fraction model.</p> <p>3.NF.A.3c. Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers. Examples: Express <math>3</math> in the form <math>3 = 3/1</math>; recognize that <math>6/1 = 6</math>; locate <math>4/4</math> and <math>1</math> at the same point of a number line diagram.</p> <p>3.NF.A.3d. Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols <math>&gt;, =,</math> or <math>&lt;</math>, and justify the conclusions, e.g., by using a visual fraction model.</p> <p>*[Grade 3 expectations in this domain are limited to fractions with denominators <math>2, 3, 4, 6,</math> and <math>8.</math>]</p>	<p>MP.2 Reason abstractly and quantitatively.</p> <p>MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>MP.4 Model with mathematics.</p> <p>MP.5 Use appropriate tools strategically.</p> <p>MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>● Comparing fractions, each referencing the same whole.</li> <li>● Fractions are equivalent if they are the same size.</li> <li>● Fractions are equivalent if they are at the same point on a number line.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● find equivalent fractions (limited to fractions with denominators <math>2, 3, 4, 6,</math> and <math>8</math>).</li> <li>● explain why two fractions are equivalent; use a visual fraction model to support explanation.</li> <li>● write whole numbers as fractions.</li> <li>● identify fractions that are equivalent to whole numbers.</li> <li>● compare two fractions having the same numerator by reasoning about their size.</li> <li>● compare two fractions having the same denominator by reasoning about their size.</li> <li>● explain why comparing fractions that do not have the same whole is not valid (reason about their size and support reasoning with a model).</li> <li>● use <math>&lt;, =,</math> and <math>&gt;</math> symbols to write comparisons of fractions and justify conclusions with a visual fraction model.</li> </ul> <p>Learning Goal 3: Generate simple equivalent fractions, explain why they are equivalent, and support the explanation with visual fraction models; locate them on the number line.</p> <p>Learning Goal 4: Express whole numbers as fractions, identify fractions equivalent to whole numbers and locate them on the number line.</p> <p>Learning Goal 5: Compare two fractions having the same numerator; compare two fractions having the same denominator; reason about their size and use the symbols <math>&gt;, =,</math> or <math>&lt;</math> to record the comparison.</p>



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<p>3.MD.A.1. Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes. (e.g., by representing the problem on a number line diagram)</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.4 Model with mathematics. MP.5 Use appropriate tools strategically.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Analog clocks represent hours as numbers and minutes are represented as tick marks.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>tell time to the nearest minute using digital and analog clocks.</li> <li>write time to the nearest minute using analog clocks.</li> <li>choose appropriate strategies to solve real world problems involving time.</li> <li>use the number line as a visual model to determine intervals of time as jumps on a number line.</li> <li>measure time intervals.</li> </ul> <p>Learning Goal 6: Tell and write time to the nearest minute, and solve word problems with addition and subtraction involving time intervals in minutes.</p>
<p>3.MD.A.2. Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units.</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.4 Model with mathematics. MP.5 Use appropriate tools strategically. MP.6 Attend to precision.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Mass may be measured in grams and kilograms.</li> <li>Mass is measured by weighing.</li> <li>Volume may be measured in liters.</li> <li>Volume may be measured with instruments such as beakers.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>measure and read a scale to estimate volume.</li> <li>measure and read a scale to estimate mass.</li> <li>add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes.</li> </ul> <p>Learning Goal 7: Solve one step word problems by estimating and measuring volume and mass using appropriate tools and standard units of grams, kilograms, and liters.</p>
<p>3.G.A.1. Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and</p>	<p>MP.5 Use appropriate tools strategically. MP.6 Attend to precision. MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>Shapes in different categories share attributes.</li> <li>Quadrilaterals are closed figures with four sides.</li> <li>Rhombuses, rectangles, etc, and other quadrilaterals share attributes.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>classify and sort shapes by attributes.</li> </ul>

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<p>squares as examples of quadrilaterals, and draw examples of quadrilaterals.</p>		<ul style="list-style-type: none"> <li>● explain why rhombuses, rectangles, and squares are examples of quadrilaterals.</li> <li>● draw examples of quadrilaterals.</li> </ul> <p>Learning Goal 9: Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.</p>
<p>3.MD.D.8. Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.4 Model with mathematics. MP.5 Use appropriate tools strategically.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>● Perimeter of a figure is equivalent to the sum of the length of all of the sides.</li> <li>● Rectangles that have same perimeter can have different areas.</li> <li>● Rectangles that have same area can have different perimeters.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● determine the perimeter of various plane shapes and irregular shapes given the side lengths.</li> <li>● determine the unknown side length give the perimeter and other sides.</li> <li>● show rectangles having the same perimeter and different areas.</li> <li>● show rectangles having different perimeters and the same area.</li> </ul> <p>Learning Goal 10: Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.</p>
<p>3.OA.C.7. Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that <math>8 \times 5 = 40</math>, one knows <math>40 \div 5 = 8</math>) or properties of operations.</p> <p>By the end of Grade 3, know from memory all products of two one-digit numbers.</p>	<p>MP.2 Reason abstractly and quantitatively. MP.7 Look for and make use of structure. MP.8 Look for and express regularity in repeated reasoning.</p>	<p>Concept(s): No new concept(s) introduced</p> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>● multiply and divide within 100 with accuracy and efficiency.</li> </ul> <p>Learning Goal 8: Fluently multiply and divide within 100 using strategies such as the relationship between multiplication and division.</p>



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<b>Interdisciplinary Connections</b> ELA, STEM, Science, Visual and Performing Arts	<b>Core instructional and supplemental materials</b>
NSLS Technology: <a href="https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing">https://docs.google.com/document/d/1GHL_TdtZh2bmZbeyCW5BPMWOvY-2o5P7NLU_3bDo1qE/edit?usp=sharing</a>	Bridges Math Program Study Island by Edmentum 3.NF.A.2 Closest to 1/2 3.NF.A.2 <a href="#">Find 1 Starting from 5/3</a> 3.NF.A.2 <a href="#">Locating Fractions Greater than One on the Number Line</a> 3.NF.A.3b, 3.G.A.2, 3.MD.C.6 <a href="#">Halves, thirds, and sixths</a> 3.MD.A.1 <a href="#">Dajuana's Homework</a> 3.MD.A.2 <a href="#">How Heavy?</a> 3.MD.D <a href="#">Shapes and their Insides</a>

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Unit 4 Third Grade		
Pacing: 45 days		
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
Unit 4  Representing Data	<ul style="list-style-type: none"> <li>● 3.MD.B.3</li> <li>● 3.MD.B.4</li> <li>■ 3.OA.C.7</li> <li>■ 3.OA.D.8</li> <li>◎ 3.NBT.A.2</li> <li>■ 3.MD.C.7d</li> </ul>	<ul style="list-style-type: none"> <li>● Represent and interpret data</li> <li>● Multiply and divide within 100</li> <li>● Use place value understanding and properties of operations to perform multi-digit arithmetic</li> <li>● Understand concepts of area and relate area to multiplication and to addition</li> </ul>
Content Standards	Suggested Mathematical Practices	Critical Knowledge & Skills
3.MD.B.3. Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step “how many more” and “how many less” problems using information presented in scaled bar graphs. For example, draw a bar graph in which each square in the bar graph might represent 5 pets.	MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.4 Model with mathematics.	Concept(s): <ul style="list-style-type: none"> <li>● Graphs organize information and contain labels.</li> <li>● Pictures and bars can represent numbers in graphs.</li> <li>● Different graphs may display different scales.</li> </ul> Students are able to: <ul style="list-style-type: none"> <li>● draw scaled picture graphs.</li> <li>● draw scaled bar graphs.</li> <li>● analyze, interpret and create bar graphs and pictographs in real world situations.</li> <li>● solve “how many more” and “how many less” problems using scaled bar graphs.</li> </ul> Learning Goal 1: Draw scaled picture and scaled bar graphs to represent data with several categories. Solve one and two-step word problems using scaled bar graphs.
3.MD.B.4. Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units— whole numbers, halves, or quarters.	MP.2 Reason abstractly and quantitatively. MP.5 Use appropriate tools strategically.	Concept(s): <ul style="list-style-type: none"> <li>● Show measurements on a line plot displays the information in an organized way</li> </ul> Students are able to: <ul style="list-style-type: none"> <li>● measure length using rulers marked with inch, quarter inch and half inch</li> <li>● generate measurement data by measuring length and create a line plot of the data</li> <li>● accurately measure several small objects using a standard ruler and display findings on a line plot</li> <li>● display data on line plots with horizontal scales in whole numbers, halves, and quarters</li> </ul>

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		<p>Learning Goal 2: Depict data measured in fourths and halves of an inch with a line plot with scales marked with appropriate units</p>
<p>3.OA.C.7. Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that <math>8 \times 5 = 40</math>, one knows <math>40 \div 5 = 8</math>) or properties of operations.</p> <p>By the end of Grade 3, know from memory all products of two one-digit numbers.</p>	<p>MP.2 Reason abstractly and quantitatively. MP.7 Look for and make use of structure. MP.8 Look for and express regularity in repeated reasoning.</p>	<p>Concept(s): No new concept(s) introduced</p> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>multiply and divide within 100 with accuracy and efficiency.</li> </ul> <p>Learning Goal 3: Fluently multiply and divide within 100 using strategies such as the relationship between multiplication and division.</p>
<p>3.OA.D.8. Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.</p>	<p>MP.1 Make sense of problems and persevere in solving them. MP.2 Reason abstractly and quantitatively. MP.3 Construct viable arguments and critique the reasoning of others. MP.4. Model with mathematics MP.5 Use appropriate tools strategically. MP.6 Attend to precision.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>A letter or variable in an equation represents an unknown quantity.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>represent two-step word problems with equation(s) containing unknowns.</li> <li>perform operations in the conventional order (no parentheses).</li> <li>use rounding as an estimation strategy.</li> <li>explain, using an estimation strategy, whether an answer is reasonable.</li> </ul> <p>Learning Goal 4: Write equation(s) containing an unknown and find the value of an unknown in an equation that is a representation of a two-step word problem (with any four operations); use estimation strategies to assess the reasonableness of answers.</p>
<p>3.NBT.A.2. Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.</p>	<p>MP.2 Reason abstractly and quantitatively.</p>	<p>Concept(s): No new concept(s) introduced</p> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>add and subtract within 1000 with accuracy and efficiency.</li> </ul> <p>Learning Goal 5: Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.</p>

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<p>3.MD.C.7. Relate area to the operations of multiplication and addition.</p> <p>3.MD.C.7d. Recognize area as additive. Find areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts, applying this technique to solve real world problems.</p>	<p>MP.3 Construct viable arguments and critique the reasoning of others.</p> <p>MP.5 Use appropriate tools strategically.</p> <p>MP.6 Attend to precision.</p> <p>MP.7 Look for and make use of structure.</p>	<p>Concept(s):</p> <ul style="list-style-type: none"> <li>• Areas of rectilinear figures can be determined decomposing the them into non-overlapping rectangles and adding the areas of the parts.</li> </ul> <p>Students are able to:</p> <ul style="list-style-type: none"> <li>• decompose rectilinear figures into non-overlapping rectangles.</li> <li>• find areas of non-overlapping rectangles and add to find the area of the rectilinear figure.</li> <li>• solve real world problems involving area of rectilinear figures.</li> </ul> <p>Learning Goal 6: Solve real world problems involving finding areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts.</p>
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<b>Interdisciplinary Connections</b> ELA, STEM, Science, Visual and Performing Arts	<b>Core instructional and supplemental materials</b>
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	3.MD.C.7d <a href="#">Three Hidden Rectangles</a> 3.OA.D.8 <a href="#">The Stamp Collection</a> 3.NBT.A.2, 3.MD.B.3, 3.OA.A.3 <a href="#">Classroom Supplies</a>
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