

Northern Cambria School District

A Teacher/Parent/Student Friendly Curriculum Map

Course Name: 3rd Grade Everyday Mathematics

Course Description: Everyday Mathematic is a 3rd Grade curriculum that helps build a foundation for students to build upon already mastered skills and prepares their knowledge for future mathematical endeavors.

Course Resources:

McGraw-Hill Education. (2016), Everyday Mathematics Third Grade Math Journal

McGraw-Hill Education. (2016), Everyday Mathematics Third Grade Home links

(n.d.). Retrieved February 17, 2023, from <https://connected.mcgraw-hill.com/connected/login.do>

Mimio

Projector

Assessments

End of Course Outcomes:

Unit 1

The learner will be able to:

- Establish an active and collaborative learning environment.
- Recall how to use a variety of math tools to solve problems,
- Tell time to the nearest minute
- Use mathematical models to calculate elapsed time.

Unit 2

The learner will be able to:

- Make sense of one- and two-step number stories involving all four arithmetic operations.
- Represent situations with diagrams, arrays, pictures, words, and number models.
- Create, share, compare, and interpret representations.

Unit 3

The learner will be able to:

- Use place value to develop and practice strategies for addition and subtraction of 2 and 3 digit numbers.
- Represent multiplication using arrays.
- Use representations to develop strategies for solving multiplication facts.

Unit 4

The learner will be able to:

- Measure to the nearest half inch.
- Generate measurement data and represent it on a scaled line plot.
- Classify quadrilaterals into categories based on their attributes.
- Identify and measure the perimeters of polygons.
- Distinguish the difference between perimeter and area.
- Use strategies to determine the areas of rectangles and extend those ideas to determine the areas of rectilinear shapes.

Unit 5

The learner will be able to:

- Relate their part-whole understanding of fractions to visual and symbolic representations, including standard notation.
- Explore fraction equivalents.
- Develop multiplication strategies by working from their understanding of multiplication and known facts.
- Find unfamiliar products by using arrays, area models, and properties of multiplication.

Unit 6

The learner will be able to:

- Compare different approaches to solving the same problem.
- Reflect on which strategies are more efficient and appropriate.
- Take inventory of known multiplication facts, which will also be used to derive remaining unknown facts.
- Model multistep number stories with one or more equations.
- Represent the unknown quantities with letters.
- Use parentheses as functioning grouping symbols that affect the order of operations.

Unit 7

The learner will be able to:

- Measure volume.
- Compare, estimate, and measure liquid volumes.
- Develop an understanding of fractions as representations of distances on number lines.

Unit 8

The learner will be able to:

- Apply their understanding of multiplication, division, measurement, and attributes of shapes.
- Represent and interpret data.
- Represent and solve problems involving multiplication and division.
- Multiply and divide within 100.

Unit 9

The learner will be able to:

- Develop their understanding of multiplication and division.
- Apply basic fact knowledge to mentally solve number stories.
- Multiply larger factors.
- Interpret length-of-day data and work to calculate elapsed time more efficiently.

Major Subject Area Academic Standards Addressed:

| Unit | Standards |
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| UNIT 1 MATH TOOLS, TIME, and MULTIPLICATION | |

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| Unit 1 Beginning of Year Assessment | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| Unit 1 Lesson 1.1- Number Grids | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| Unit 1 Lesson 1.2- Introducing the Student Reference Book | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |

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| Unit 1 Lesson 1.3- Tools for Mathematics | <u>Standards:</u> CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic. CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals. CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes |
| Unit 1 Lesson 1.4- Number Lines and Rounding | <u>Standards:</u> CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic. 2.2.3.B Add and subtract single- and double digit numbers with regrouping and triple-digit numbers, without regrouping including problems with money. |
| Unit 1 Lesson 1.5- Time | <u>Standards:</u> CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals. |
| Unit 1 Lesson 1.6- How Long is a Morning? | <u>Standards:</u> CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals |
| Unit 1 Lesson 1.7- Scaled Bar Graphs | <u>Standards:</u> CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs. |

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| Unit 1 Lesson 1.8- Multiplication Strategies | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| Unit 1 Lesson 1.9- Introducing Division | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> |
| Unit 1 Lesson 1.10- Foundational Multiplication Facts | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| Unit 1 Lesson 1.11- The Length-of-Day Project | <p><u>Standards:</u></p> <p>CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> |

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| <p>Unit 1</p> <p>Lesson 1.12- Exploring Mass, Equal Shares, and Equal Groups</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 1</p> <p>Lesson 1.13- Measuring Mass</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> |

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| <p>Unit 1</p> <p>Lesson 1.14- Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>UNIT 2</p> <p>NUMBER STORIES and ARRAYS</p> | |
| <p>Unit 2</p> <p>Lesson 2.1- Extended Facts: Addition and Subtraction</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.2- Number Stories</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |

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| <p>Unit 2</p> <p>Lesson 2.3- More Number Stories</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.4- Multistep Number Stories PART 1</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.5- Multistep Number Stories PART 2</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |

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| <p>Unit 2</p> <p>Lesson 2.6- Equal Groups</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.7- Multiplication Arrays</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.8- Picturing Division</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> |

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| <p>Unit 2</p> <p>Lesson 2.9- Modeling Division</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 2</p> <p>Lesson 2.10- Playing Division Arrays</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 2</p> <p>Lesson 2.11- Frames and Arrows</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 2</p> <p>Lesson 2.12- Exploring Fractions Circles, Liquid Volume, and Area</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition.</p> |

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| <p>Unit 2</p> <p>Lesson 2.13- Unit 2 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |
| <p>UNIT 3</p> <p>OPERATIONS</p> | |
| <p>Unit 3</p> <p>Lesson 3.1- "What's My Rule?"</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 3</p> <p>Lesson 3.2- Estimating Costs</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |

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| <p>Unit 3</p> <p>Lesson 3.3- Partial-Sums Addition</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 3</p> <p>Lesson 3.4- Column Addition</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |
| <p>Unit 3</p> <p>Lesson 3.5- Counting-Up Subtraction</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 3</p> <p>Lesson 3.6- Expand-and-Trade Subtraction</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |

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| <p>Unit 3</p> <p>Lesson 3.7- Exploring Bar Graphs, Area, and Partitioning Rectangles</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition</p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 3</p> <p>Lesson 3.8- Scaled Picture Graphs</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> |
| <p>Unit 3</p> <p>Lesson 3.9- Exploring Multiplication Squares</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 3</p> <p>Lesson 3.10- The Commutative Property of Multiplication</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |

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| | CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic. |
| Unit 3 Lesson 3.11- Adding a Group | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| Unit 3 Lesson 3.12- Subtracting a Group | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| Unit 3 Lesson 3.13- Equivalent Names | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |

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| <p>Unit 3</p> <p>Lesson 3.14- Unit 3 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>UNIT 4</p> <p>MEASUREMENT AND GEOMETRY</p> | |
| <p>Unit 4</p> <p>Lesson 4.1- Measuring with a Ruler</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs</p> |
| <p>Unit 4</p> <p>Lesson 4.2- Application: Line Plots</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs</p> |

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| Unit 4 Lesson 4.3- Exploring Measures of Distance and Comparisons of Mass | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| Unit 4 Lesson 4.4- Polygon Review | <p><u>Standards:</u></p> <p>CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes</p> |
| Unit 4 Lesson 4.5- Special Quadrilaterals | <p><u>Standards:</u></p> <p>CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes</p> |
| Unit 4 Lesson 4.6- Perimeter | <p><u>Standards:</u></p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> |

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| <p>Unit 4</p> <p>Lesson 4.7- Area and Perimeter</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 4</p> <p>Lesson 4.8- Area and Composite Units</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |

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| <p>Unit 4</p> <p>Lesson 4.9- Number Sentences for Area of Rectangles</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 4</p> <p>Lesson 4.10- Playing <i>The Area and Perimeter Game</i></p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 4</p> <p>Lesson 4.11- Building a Rabbit Pen</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> |

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| <p>Unit 4</p> <p>Lesson 4.12- Rectilinear Figures</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 4</p> <p>Lesson 4.13- Unit 4 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |

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| <p>Unit 4</p> <p>Lesson 4.14- MID-YEAR ASSESSMENT</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>UNIT 5</p> <p>FRACTIONS AND MULTIPLICATION STRATEGIES</p> | |
| <p>Unit 5</p> <p>Lesson 5.1- Exploring Equal Parts, Fractions of Different Wholes, and Area</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition</p> <p>CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |

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| <p>Unit 5</p> <p>Lesson 5.2- Representing Fractions</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 5</p> <p>Lesson 5.3- Equivalent Fractions</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 5</p> <p>Lesson 5.4- Recognizing Helper Facts</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>PA Common Core Standard Common Core State Standard PA Academic Standards PA Common Core - Common Core - PA Academic Standards Crosswalk Grades K-8 CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |

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| <p>Unit 5</p> <p>Lesson 5.5- Multiplication Fact Strategies: Doubling Part 1</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |
| <p>Unit 5</p> <p>Lesson 5.6- Multiplication Fact Strategies: Doubling Part 2</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |

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| <p>Unit 5</p> <p>Lesson 5.7- Patterns in Products</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 5</p> <p>Lesson 5.8- Finding Missing Factors</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 5</p> <p>Lesson 5.9- Multiplication Facts Strategies: Near Squares</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |
| <p>Unit 5</p> <p>Lesson 5.10- Button Dolls: Solving Number a Story</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |

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| <p>Unit 5</p> <p>Lesson 5.11- Multiplication Facts Strategies: Break-Apart Strategy</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> |
| <p>Unit 5</p> <p>Lesson 5.12- Unit 5 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |
| <p>UNIT 6</p> <p>MORE OPERATIONS</p> | |
| <p>Unit 6</p> <p>Lesson 6.1- Trade-First Subtraction</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |

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| Unit 6 Lesson 6.2- Playing <i>Baseball Multiplication</i> | <u>Standards:</u> CC.2.2.3.A.3 Demonstrate multiplication and division fluency. |
| Unit 6 Lesson 6.3- Taking Inventory of Known Fact Strategies | <u>Standards:</u> CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division. |
| Unit 6 Lesson 6.4- Fact Power and <i>Beat the Calculator</i> | <u>Standards:</u> CC.2.2.3.A.1 Represent and solve problems involving multiplication and division. CC.2.2.3.A.3 Demonstrate multiplication and division fluency. |
| Unit 6 Lesson 6.5- Exploring Geometry Problems, Measurement Data, and Polygons | <u>Standards:</u> CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs. CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures. CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes |

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| <p>Unit 6</p> <p>Lesson 6.6- Multiplication and Division Diagrams</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 6</p> <p>Lesson 6.7- Multiplication with Larger Factors</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 6</p> <p>Lesson 6.8- Number Sentences with Parentheses</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 6</p> <p>Lesson 6.9- Writing Number Stories</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> |

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| <p>Unit 6</p> <p>Lesson 6.10- Order of Operations</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 6</p> <p>Lesson 6.11- Number Models for Two-Step Number Stories</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 6</p> <p>Lesson 6.12- Unit 6 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>UNIT 7</p> | |

| FRACTIONS | |
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| Unit 7 Lesson 7.1- Liquid Volume | <u>Standards:</u> CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes |
| Unit 7 Lesson 7.2- Exploring Arrays, Volume, and Equal Shares | <u>Standards:</u> CC.2.2.3.A.1 Represent and solve problems involving multiplication and division. CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers. |
| Unit 7 Lesson 7.3- Number Stories with Measures | <u>Standards:</u> CC.2.2.3.A.1 Represent and solve problems involving multiplication and division. CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic. |
| Unit 7 Lesson 7.4- Fraction Strips | <u>Standards:</u> CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers. 2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole. CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole. |
| Unit 7 Lesson 7.5- Fractions on a Number Line Part 1 | <u>Standards:</u> 2.1.3.C Use drawings, diagrams or models to show the concept of fraction as part of a whole. CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers. |

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| <p>Unit 7</p> <p>Lesson 7.6- Fractions on a Number Line Part 2</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 7</p> <p>Lesson 7.7- Comparing Fractions</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 7</p> <p>Lesson 7.8- Finding Rules for Comparing Fractions</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>Unit 7</p> <p>Lesson 7.9- Locating Fractions on Number Lines</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |

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| <p>Unit 7</p> <p>Lesson 7.10- Justifying Fraction Comparisons</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 7</p> <p>Lesson 7.11- Fractions in Number Stories</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 7</p> <p>Lesson 7.12- Fractions of Collections</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> |

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| <p>Unit 7</p> <p>Lesson 7.13- Unit 7 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C. Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> |
| <p>UNIT 8</p> <p>MULTIPLICATION AND DIVISION</p> | |
| <p>Unit 8</p> <p>Lesson 8.1- Measuring to the Nearest $\frac{1}{4}$ Inch</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> |
| <p>Unit 8</p> <p>Lesson 8.2- Extended Facts: Multiplication and Division</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency</p> |

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| <p>Unit 8</p> <p>Lesson 8.3- Factors of Counting Numbers</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency</p> |
| <p>Unit 8</p> <p>Lesson 8.4- Setting Up Chairs</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> |
| <p>Unit 8</p> <p>Lesson 8.5- Playing <i>Factor Bingo</i></p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 8</p> <p>Lesson 8.6- Sharing Money</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |

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| <p>Unit 8</p> <p>Lesson 8.7- Exploring Number Lines, Fractions, and Area</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency</p> |
| <p>Unit 8</p> <p>Lesson 8.8- Solid Shapes</p> | <p><u>Standards:</u></p> <p>CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes</p> |
| <p>Unit 8</p> <p>Lesson 8.9- Unit 8 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers.</p> <p>2.1.3.C Use drawings, diagrams or models to show the concept of fraction as part of a whole.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency</p> |

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| <p style="text-align: center;">UNIT 9</p> <p style="text-align: center;">MULTIDIGIT OPERATIONS</p> | |
| <p>Unit 9</p> <p>Lesson 9.1- Playing <i>Product Pile-Up</i></p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency</p> |
| <p>Unit 9</p> <p>Lesson 9.2- Multiply and Divide with Multiples of 10</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 9</p> <p>Lesson 9.3- Using Mental Math to Multiply</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> |

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| <p>Unit 9</p> <p>Lesson 9.4- Exploring Elapsed Time, Squares, and Bridges</p> | <p><u>Standards:</u></p> <p>CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes</p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> |
| <p>Unit 9</p> <p>Lesson 9.5- Multidigit Multiplication</p> | <p><u>Standards:</u></p> <p>CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division</p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> |
| <p>Unit 9</p> <p>Lesson 9.6- Packing Apples</p> | <p><u>Standards:</u></p> <p>CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |
| <p>Unit 9</p> <p>Lesson 9.7- The Length-of-Day Project, REVISITED</p> | <p><u>Standards:</u></p> <p>CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals.</p> <p>CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.</p> |

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| <p>Unit 9</p> <p>Lesson 9.8- Unit 9 Progress Check</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> |
| <p>Unit 9</p> <p>END-OF-YEAR ASSESSMENT</p> | <p><u>Standards:</u></p> <p>CC.2.1.3.B.1 Apply place value understanding and properties of operations to perform multi digit arithmetic.</p> <p>CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.</p> <p>CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.</p> <p>CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.</p> <p>CC.2.2.3.A.3 Demonstrate multiplication and division fluency.</p> |

Course Concepts by Sequence with Short Description:

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| August – September | Unit 1: MATH TOOLS, TIME, and MULTIPLICATION | CC.2.1.3.B.1 CC.2.2.3.B CC.2.4.3.A.2 CC.2.3.3.A.1. CC.2.4.3.A.2 CC.2.4.3.A.4 CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.2.3.A.2 CC.2.2.3.A.3 CC.2.1.3.C.1 CC.2.4.3.A.1 CC.2.2.3.A.4 CC.2.1.3.B.1 CC.2.1.3.C.1 CC.2.3.3.A.2 |
| September-October | Unit 2-NUMBER STORIES and ARRAYS | CC.2.1.3.B.1 CC.2.2.3.A.4 CC.2.2.3.A.3 CC.2.2.3.A.1 CC.2.1.3.C.1 CC.2.4.3.A.6 CC.2.4.3.A.1 CC.2.4.3.A.5 |
| October-November | Unit 3 - OPERATIONS | CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.1.3.B.1 CC.2.2.3.A.4 CC.2.1.3.B.1 CC.2.4.3.A.6 CC.2.4.3.A.5 CC.2.3.3.A.2 CC.2.4.3.A.4 CC.2.2.3.A.3 |
| November-December | Unit 4- MEASUREMENT and GEOGRAPHY | CC.2.4.3.A.4 CC.2.4.3.A.1 CC.2.4.3.A.6 CC.2.1.3.C.1 CC.2.3.3.A.1 |
| December-January | Unit 5 FRACTIONS AND MULTIPLICATION STRATEGIES | CC.2.1.3.C.1 CC.2.4.3.A.5 CC.2.4.3.A.6 CC.2.3.3.A.2 CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.2.3.A.4 CC.2.2.3.A.1 CC.2.1.3.B.1 |
| January-February | Unit 6 MORE OPERATIONS | CC.2.2.3.A.4 CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.4.3.A.4 CC.2.4.3.A.6 CC.2.3.3.A.1 CC.2.2.3.A.2 CC.2.1.3.B.1 CC.2.1.3.B.1 CC.2.2.3.A.2 CC.2.1.3.C.1 |

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| February-March | Unit 7 FRACTIONS | CC.2.3.3.A.1 CC.2.2.3.A.1 CC.2.1.3.C.1 CC.2.1.3.B.1 2.1.3.C. CC.2.3.3.A.2 |
| March-April | Unit 8 MULTIPLICATION AND DIVISION | CC.2.1.3.C.1 2.1.3.C CC.2.2.3.A.2 CC.2.2.3.A.3 CC.2.4.3.A.4 CC.2.2.3.A.1 CC.2.3.3.A.1 |
| April-May | Unit 9 MULTIDIGIT OPERATIONS | CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.2.3.A.4 CC.2.3.3.A.2 CC.2.1.3.B.1 CC.2.4.3.A.2 CC.2.4.3.A.4 CC.2.4.3.A.1 CC.2.2.3.A.4 CC.2.4.3.A.1 |

Student Assessments:

Student Everyday Home links (3 points per lesson)-
 Everyday Lesson Activities (2 points) (varies per activity)-
 Everyday Lesson Tests (varies per lesson)-
 Everyday Lesson Quizzes (varies per lesson)-

Grading:

A - 100% to 92%

B - 91% to 83%

C - 82% to 74%

D - 73% to 65%

F - 64% to 0