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Week	Standard The highlighted words indicate the taxonomy level of the standard	Whole Group "LT" Refers to the Learning Target of the lesson	Small Group		Daily Math
			Review/ Preview	Current Skill	
Week 1 8/14-8/18	**MA.4.NSO.1.1 (1.1)** Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right. *Relationships can be increasing or decreasing in value.* **MA.4.NSO.1.2 (1.2)** Read and write multi-digit whole numbers from 0 to 1,000,000 using standard form, expanded form and word form. **MA.4.NSO.1.3 (1.3)** Plot, order and compare multi-digit whole numbers up to 1,000,000. *Plotting multi-digit numbers is new to grade 4.* **MA.4.NSO.1.4 (1.4)** Round whole numbers from 0 to 10,000 to the nearest 10, 100 or 1,000. *Rounding is to the nearest 10, 100*	Ch. 1 Prerequisite Vocabulary - Hundreds, Ones, Tens, Ten Thousands, Thousands 1.1 Place Value and Patterns **LT: Describe the relationship between two place-value positions.** 1.2 Read and Write Numbers **LT: Read and write whole numbers in standard form, word form, and expanded form.** *Vocabulary - Period, Expanded Form, Standard Form, Word Form 1.3 Compare and Order Numbers **LT: Compare and order whole numbers based on the values of the digits in each number.** 1.4 Round Numbers **LT: Round a whole number to any place.** *Vocabulary - Estimate, Round	**Review: Forms of a Number** MA.3.NSO.1.1 Read and write numbers from 0 to 10,000 using standard form, expanded form and word form. (Goal for 4th Grade is to read/write numbers up to 1,000,000) Example: (2 x 100,000) + (7 x 10,000) + (5 x 1,000) + (8x 100) + (2 x 1) **Preview: Multiplying using multiples of 10** MA.3.NSO.2.3 Multiply a one-digit whole number by a multiple of 10, up to 90, or a multiple of 100, up to 900, with procedural reliability.	Day 1 Place Value and Patterns (1.1) Day 2 Read and Write Numbers (1.2) Day 3 Compare and Order Numbers (1.3) Day 4 Round Numbers (1.4) Day 5 Chapter 1 Review (Remediate, if needed)	Week 1 - Daily Math Skills: Value and Place Value, Multiplicative Comparisons, Number Forms, Writing Fractions, Metric Conversions, Geometric Figures

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	or 1,000 is new to grade 4.	Chapter 1 Review			
Week 2 8/21-8/25	**4.AR.3.1. (7.1, 7.2, 7.3, 7.4)** Determine factor pairs for a whole number from 0 to 144. Determine whether a whole number from 0 to 144 is prime, composite, or neither. **4.NSO.2.1. (7.1, 7.2)** Recall multiplication facts with factors up to 12 and related division facts with automaticity. **4.AR.3.2. (7.4)** Generate, describe and extend a numeral pattern that follows a given rule.	Chapter 1 Test 7.1 Factors and Divisibility **LT: Determine whether a number is a factor of a given number.** *Vocabulary - Divisible Ch. 2 Prerequisite Vocabulary - Estimate, Expanded form, Factor, Place value, Product, Regroup, Rounding 7.2 Factors and Multiples **LT: Understand the relationship between factors and multiples, and determine whether a number is a multiple of a given number.** *Vocabulary - Common multiple 7.3 Prime and Composite Numbers **LT: Determine whether a number is prime or composite.** *Vocabulary -Prime number, Composite number	**Review: Add/Subtract Whole Numbers** MA.3.NSO.2.1 Add/Subtract Whole Numbers up to the 10,000s *Include subtracting across zeros **Preview: Multiplying using Multiples of 10.** MA.3.NSO.2.3 Multiply a one-digit whole number by a multiple of 10 or 100. *By the end of the week- possibly go up to 2 digit by 2 digit with higher groups; 20 x 60 (Estimate Products-Lesson 3.1)	Day 1 Chapter 1 Test Day 2 Factors and Divisibility (7.1) 2 Days Day 3 Factors and Multiples (7.1) Day 4 Factors and Multiples (7.2) Talk about prime and composite numbers Day 5 Prime and Composite Numbers (7.3)	Week 2 - Daily Math Skills: Value and Place Value, Multiplicative Comparisons, Number Forms, Writing Fractions, Metric Conversions, Geometric Figures

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Week 3 8/28- 9/1	**4.AR.1.1. (2.1, 2.2)** Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context. **4.AR.2.1. (2.2)** Determine and explain whether an equation involving any of the four operations with while numbers is true or false. **4.NSO.2.1. (2.5, 2.6, 2.7)** Recall multiplication facts with factors up to 12 and related division facts with automaticity. **4.NSO.2.2. (2.5, 2.6, 2.7** Multiply two whole numbers, up to three digits by two digits, with procedural reliability. **4.NSO.2.5. (2.5, 2.6, 2.7)** Explore the multiplication and division of multi-digit whole numbers using estimation,	7.4 Number Patterns **LT: Generate a number pattern and describe features of the pattern.** *Vocabulary -Pattern, Term 2.1 Multiplication Comparisons **LT: Relate multiplication equations and comparison statements.** 2.2 Comparison Problems **LT: Solve problems involving multiplicative comparison and additive comparison.**	**Review: Rounding** MA.4.NSO.1.4 Round whole numbers from 1 to 10,000 to nearest 10, 100, or 1,000 **Preview: Elapsed Time** MA.4.M.2.1 Use the four operations to solve word problems involving distances, intervals of time, and money, including problems involving simple fractions or decimals. Represent fractional quantities of distance and intervals of time using linear models.	Day 1 Number Patterns (7.4) Day 2 Chapter 7 Review Day 3 Chapter 7 Test Day 4 Multiplication Comparisons (2.1) Day 5 Comparison Problems (2.2)	[Week 3 - Daily Math](#) Skills: Key Words - Operations, Multiple Step Problems, Rounding, Fraction Comparison, Elapsed Time, Geometric Figures

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	rounding, and place value.				
Week 4 Holiday 9/5-9/8	**4.NSO.2.1. (2.7, 2.9)** Recall multiplication facts with factors up to 12 and related division facts with automaticity. **4.NSO.2.2. (2.7, 2.8)** Multiply two whole numbers, up to three digits by two digits, with procedural reliability. **4.NSO.2.3. (2.9)** Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency. **4.NSO.2.5. (2.7)** Explore the multiplication and division of multi-digit whole numbers using estimation, rounding, and place value.	2.4 Estimate Products by 1-Digit Numbers **LT: Estimate products by rounding and determine if exact answers to multiplication problems are reasonable.** 2.5 Multiply Using the Distributive Property **LT: Use the Distributive Property to multiply a 2-digit number by a 1-digit number.** *Vocabulary - Distributive Property, Partial product 2.6 Multiply Using Expanded Form **LT: Use expanded form to multiply a multi-digit number by a 1-digit number.**	**Review: Area/Perimeter** MA.GR.2.1 Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths. **Preview: Balanced Equations** MA.4.AR.2.2 Determine and explain whether an equation involving any of the four operations with whole numbers is true or false.	Day 1 Estimate Products by 1- Digit Numbers (2.4) Day 2 Multiply Using the Distributive Property (2.5) 2 Days Day 3 Multiply Using the Distributive Property (2.5) Day 4 Multiply Using Expanded Form (2.6) 2 Days	<u>Week 4 - Daily Math</u> Skills: Key Words - Operations, Multiple Step Problems, Rounding, Fraction Comparison, Elapsed Time, Geometric Figures
Week 5	**4.AR.1.1. (2.9)**	2.6 Multiply Using Expanded	**Review:**	Day 1 Multiply Using	<u>Week 5 -</u>

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| 9/11-9/15 | Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.

4.AR.2.1. (2.8)
Determine and explain whether an equation involving any of the four operations with while numbers is true or false.

4.NSO.2.1. (2.7, 2.9)
Recall multiplication facts with factors up to 12 and related division facts with automaticity. | Form
LT: Use expanded form to multiply a multi-digit number by a 1-digit number.

2.7 Multiply Using Partial Products
LT: Use place value and partial products to multiply a multi-digit number by a 1-digit number.

2.8 Multiply Using Mental Math
LT: Use mental math and properties to multiply a multi-digit number by a 1-digit number.

2.9 Multi-Step Multiplication Problems
LT: Use the *draw a diagram* strategy to solve multi-step problems. | **Area/Perimeter**
 MA.GR.2.1
Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.

*Find the perimeter of rectangles

Preview: Decompose Fractions
MA.4.FR.2.1
Decompose a fraction, including mixed numbers and fractions greater than one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each decomposition with objects, drawings and equations.

*decompose proper fractions into a sum of fractions and a sum of unit fractions. | Expanded Form (2.6) 2 Days

Day 2 Multiply Using Partial Products (2.7) 2 Days

Day 3 Multiply Using Partial Products (2.7)

Day 4 Multiply using Mental Math (2.8)

Day 5 Multi-Step Multiplication Problems (2.9) |

Skills: Comparative Relational Thinking, Comparing Numbers, Decomposing Fractions, Perimeter of Rectangles and Rectilinear Shapes, Identifying Angles |

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| Week 6 9/18-9/22 9/20 Half Day | **4.NSO.2.2. (2.10)** Multiply two whole numbers, up to three digits by two digits, with procedural reliability. **4.NSO.2.3. (2.11)** Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency. **4.NSO.2.5. (2.10)** Explore the multiplication and division of multi-digit whole numbers using estimation, rounding, and place value. | 2.10 Multiply 3-Digit and 4-Digit Numbers with Regrouping **LT: Use regrouping to multiply a multi-digit number by a 1-digit number.** 2.11 Solve Multi-Step Problems Using Equations **LT: Solve real-world multi-step problems using multiplication, addition, and subtraction.** Chapter 2 Review | **Review: Add and Subtract Fractions** MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability. *Focus on add/subtract fractions and improper fractions **Preview: Area of Rectangles** MA.GR.2.1 Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths. *Find the area of rectangles | Day 1 Multiply 3-Digit and 4-Digit Numbers with Regrouping (2.10) Day 2 Multiply 3-Digit and 4-Digit Numbers with Regrouping (2.10) Day 3 Multistep Problems Using Equations (2.11) 2 Days Day 4 Multistep Problems Using Equations (2.11) Day 5 Chapter 2 Review | [Week 6 - Daily Math](#) Skills: Comparative Relational Thinking, Comparing Numbers, Decomposing Fractions, Perimeter of Rectangles and Rectilinear Shapes, Identifying Angles |
| Week 7 9/25-9/29 | **4.NSO.1.4. (3.2)** Round whole numbers from 0 to 10,000 to the nearest 10, 100, or 1,000. **4.NSO.2.2 (3.3, 3.4)** Multiply two whole numbers, up to three digits by up to two | [Chapter 2 Test](#) Ch. 3 Prerequisite Vocabulary - Associative Property of Multiplication, Commutative Property of Multiplication, Estimate, Factor, Partial product, | **Review: Powers of Ten** MA.4.NSO.1.1 Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right. | Day 1 Chapter 2 Test Day 2 Estimate Products by 2-Digit Numbers (3.2) Day 3 Area Models and Partial Products | [Week 7- Daily Math](#) Skills: Geometric Terms, Factors, How Many |

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	digits, with procedural reliability. **4.NSO.2.5. (3.2, 3.3, 3.4)** Explore the multiplication and division of multi-digit whole numbers using estimation, rounding, and place value.	Place value, Product, Regroup, Round 3.2 Estimate Products by 2-Digit Numbers **LT: Estimate products by rounding or by using compatible numbers.** *Vocabulary - Compatible numbers 3.3 Area Models and Partial Products **LT: Use area models and partial products to multiply 2-digit numbers.** 3.4 Multiply Using Partial Products **LT: Use place value and partial products to multiply.**	(10 times more and *new 1/10 less*) **Preview: Types of Angles** MA.GR.1.1 Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight or reflex. *new- reflex angles*	(3.3) 2 Days Day 4 Area Models and Partial Products (3.3) 2 Days Day 5 Multiply Using Partial Products (3.4) 2 Days	Times Greater, Adding and Subtracting Fractions, Area, Draw and Label Angles
Week 8 10/2-10/6	**4.NSO.2.5 (3.4, 3.5, 3.6)** Explore the multiplication of multi-digit whole numbers using estimation, rounding and place value. **4.NSO.2.3. (3.6, 3.7)** Multiply two whole numbers,	3.4 Multiply Using Partial Products **LT: Use place value and partial products to multiply.** 3.5 Multiply with Regrouping **LT: Use regrouping to multiply using whole numbers.**	**Review: Factors, Multiples and Prime/Composite Numbers** MA.4.AR.3.1 Determine factors pairs for a whole number from 0 to 144. Determine whether a whole number from 0	Day 1 Multiply Using Partial Products (3.4) 2 Days Day 2 Multiply with Regrouping (3.5) 2 Days Day 3 Multiply with Regrouping (3.5)	Week 8 - Daily Math Skills: Geometric Terms, Factors, How Many Times Greater,

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	each up to two digits, including using a standard algorithm with procedural fluency. **4.AR.1.1. (3.7)** Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context	3.6 Choose a Multiplication Method **LT: Choose a method to multiply 2-digit and 3-digit numbers.** 3.7 Multiply by 2-Digit Numbers **LT: Use the strategy *draw a diagram* to solve multi-step multiplication problems.**	to 144 is prime or composite. **Preview: Line Plot** (given a frequency table, match the line plot to the data in the frequency table)- MA.4.DP.1.1 Collect and represent numerical data, including fractional values, using tables , stem-and-leaf plots or line plots.	Day 4 Choose a Multiplication Method (3.6) Day 5 Multiply by 2-Digit Numbers (3.7) 2 Days	Adding and Subtracting Fractions, Area, Draw and Label Angles
Week 9 10/9-10/13 10/13 End of Grading Period	**4.AR.1.1. (3.7)** Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context. **4.NSO.2.3. (3.7)** Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.	3.7 Multiply by 2-Digit Numbers **LT: Use the strategy *draw a diagram* to solve multi-step multiplication problems.** Chapter 3 Review Chapter 3 Test	**Review: Fraction Vocabulary** - Improper fraction (fraction greater than one, mixed numbers). Convert between improper and mixed numbers MA.4.FR.1.3 Identify and generate equivalent fractions, including fractions greater than one. Describe how the numerator and denominator are affected when the equivalent fraction is	Day 1 Multiply by 2-Digit Numbers (3.7) Day 2 Chapter 3 Review Day 3 Chapter 3 Test	Week 9 - Daily Math Skills: Area and Perimeter, Factors, Prime and Composite Numbers, Sums and Differences, Adding Mixed Numbers, Line Plots, Identifying Types of

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			created. **Preview: Analyze Line Plots using Mode, Median and Range** MA.4.DP.1.1 Collect and represent numerical data, including fractional values, using tables, stem-and-leaf plots or line plots. **(Use the same line plot for Monday-Wednesday-Monday- Mode Tuesday- Range Wednesday- Median Thursday and Friday put it all together, have new line plots each day, and find mode, median and range for each plot)**		Lines

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Date	Standard	Whole Group	Small Group		Waggle	Daily Math
			Review / Preview	Current Skills		
Week 10 10/16-10/20 Teacher Planning Day on 10/16	**4.NSO.2.4 (4.1,4.2, 4.3, 4.4, 4.5)** Divide a whole number up to 4-digits by a 1-digit whole number with reliability. Represent remainders as fractional parts of the divisor **4.NSO.2.5 (4.1,4.2, 4.4, 4.5)** Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value. **4.AR.1.1 (4.1,4.2)** Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.	Ch. 4 Prerequisite Vocabulary - Distributive Property, Divide, Dividend, Division, Divisor, Factor, Multiple, Multiplication, Product, Quotient 4.1 Investigate Remainders - Part 1 **LT: Use models to divide whole numbers that do not divide evenly.** *Vocabulary - Remainder **(Lesson 4.1, not 4.2)** 4.2 Interpret Remainders - Part 2 **LT: Use remainders to solve division problems.**	**Review: Additive/Decompose Angles** MA.4.GR.1.2 Estimate angle measure. Using a protractor, measure angles in whole-number degrees. Demonstrate that angle measure is additive. **Preview: Stem and Leaf Plot** (given a frequency table, match the stem and leaf plot to the data in the frequency table)- MA.4.DP.1.1 Collect and represent numerical data, including fractional values, using tables , stem-and-leaf plots or line plots.	Day 1 Investigate Remainders (4.1) Day 2 Interpret Remainders (4.2) 2 Days Day 3 Interpret Remainders (4.2) 2 Days Day 4 Divide Tens, Hundreds, and Thousands (4.3) 2 days	Lessons Dividing by 1-Digit Numbers Boosters Divide by 1-Digit Numbers	Week 10 - Daily Math Skills: Area and Perimeter, Factors, Prime and Composite Numbers, Sums and Differences, Adding Mixed Numbers, Line Plots, Identifying Types of Lines

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| Week 11 10/23-10/27 | 4.NSO.2.4 (4.1, 4.2, 4.3, 4.4, 4.5) Divide a whole number up to 4-digits by a 1-digit whole number with reliability. Represent remainders as fractional parts of the divisor

4.NSO.2.5 (4.1, 4.2, 4.4, 4.5) Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value.

4.AR.1.1 (4.1, 4.2) Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.

4.NSO.2.1 (4.3, 4.5) Recall multiplication facts with factors up to 12 and related division facts with automaticity. | 4.2 Interpret Remainders **LT: Use remainders to solve division problems.**

4.3 Divide Tens, Hundreds and Thousands **LT: Divide tens, hundreds, and thousands by whole numbers to 10.**

4.4 Estimate Quotients Using Compatible Numbers **LT: Use compatible numbers to estimate quotients.** *Vocabulary - Compatible numbers

4.5 Division and the Distributive Property **LT: Use the Distributive Property to find quotients.**

Chapter 4 Review | **Review: Add/Subtract Mixed Numbers**-MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability.

Preview: Convert improper fractions into mixed numbers-MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability. | Day 1 Divide Tens, Hundreds, and Thousands (4.3)

Day 2 Estimate Quotients Using Compatible Numbers (4.4)

Day 3 Division and the Distributive Property (4.5) 2 days

Day 4 Division and the Distributive Property (4.5) 2 days

Day 5 Chapter 4 Review | <u>Lessons</u> Dividing by 1-Digit Numbers

<u>Boosters</u> Divide by 1-Digit Numbers | <u>Week 11 - Daily Math</u>

Skills: Fractions Greater Than One, Multiples, Multiplication using Area Model, Converting Improper Fractions to Mixed Numbers and vice versa, Additive Angles, Geometric Planes |

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| Week 12 10/30-11/3 | 4.NSO.2.4 (5.1, 5.2, 5.3, 5.4) Divide a whole number up to 4-digits by a 1-digit whole number with reliability. Represent remainders as fractional parts of the divisor

4.NSO.2.5 (5.1, 5.2, 5.3) Explore the multiplication and division of multi-digit whole numbers using estimation, rounding and place value.

4.AR.1.1. (5.1, 5.2) Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context.

4.AR.1.2. (5.1) Solve real-world problems involving addition and subtraction of fractions | 5.1 Divide Using Repeated Subtraction **LT: Use repeated subtraction and multiples to find quotients.**

5.2 Divide Using Partial Quotients *Vocabulary -Partial quotient **LT: Use partial quotients to divide.**

5.3 Model Division with Regrouping **LT: Use base-ten blocks to model division with regrouping.**

5.4 Place the First Digit **LT: Use place value to determine where to place the first digit of a quotient.** | **Review: Add/Subtract Mixed Numbers**-MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability.

Preview: Measuring Angles using a Protractor MA.4.GR.1.1 Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole number degrees. Demonstrate that angle measure is additive. | Day 1 Divide Using Repeated Subtraction (5.1)

Day 2 Divide Using Partial Quotients (5.2)

Day 3 Model Division with Regrouping (5.3) 2 Days

Day 4 Model Division with Regrouping (5.3) 2 Days

Day 5 Place the First Digit (5.4) | <u>Lessons</u> Dividing by 1-Digit Numbers

<u>Boosters</u> Divide by 1-Digit Numbers | <u>Week 12 - Daily Math</u>

Skills: Fractions Greater Than One, Multiples, Multiplication using Area Model, Converting Improper Fractions to Mixed Numbers and vice versa, Additive Angles, Geometric Planes |
|---|---|---|---|---|---|---|

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	with like denominators, including mixed numbers and fractions greater than 1. **4.NSO.2.1. (5.4, 5.5)** Recall multiplication facts with factors up to 12 and related division facts with automaticity.					
Week 13 11/6-11/10 No School 11/10	**4.NSO.2.4 (5.5, 5.6)** Divide a whole number up to 4-digits by a 1-digit whole number with reliability. Represent remainders as fractional parts of the divisor **4.NSO.2.1. (5.5)** Recall multiplication facts with factors up to 12 and related division facts with automaticity. **4.AR.1.1. (5.6)** Solve real-world problems involving multiplication and division of whole numbers including	5.5 Divide by 1-Digit Numbers **LT: Divide multi-digit numbers by 1-digit divisors.** 5.6 Multi-Step Division Problems **LT: Solve multi-step division problems by using the strategy *draw a diagram*.**	**Review: Number Patterns** MA.4.AR.3.2 Generate, describe and extend a numerical pattern that follows a given rule. **Preview: Multiply Fractions by a Whole Number** MA.4.FR.2.4 Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	Day 1 Divide by 1-Digit Numbers (5.5) 2 Days Day 2 Divide by 1-Digit Numbers (5.5) Day 3 Multistep Division Problems (5.6) 2 Days Day 4 Multistep Division Problems (5.6)	<u>Lessons</u> Dividing by 1-Digit Numbers Multiple Step Word Problems with Remainders <u>Boosters</u> Divide by 1-Digit Numbers Solve Multistep	[Week 13 - Daily Math](#) Skills: Place Value and Value of the Underlined Digit, Number Patterns, Multiplying with Zeros, Multiplying Whole Numbers with

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						Word Problems with Remainders	Fractions, Fractional Degrees of a Circle
	problems in which remainders must be interpreted within the context. **4.NSO.2.3. (5.6)** Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency.						
Week 14 11/13- 11/17	**MA.4.GR.2.1 (6.1, 6.2)** Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths. **MA.4.GR.2.2 (6.3)** Solve problems involving rectangles with the same perimeter and different areas or with the same area and different perimeters.	Chapter 5 Review [Chapter 4 Test](#) [Chapter 5 Test](#) Ch. 6 Prerequisite Vocabulary - Centimeter, Foot, Inch, Kilometer, Meter, Mile, Yard 6.1 Apply the Perimeter Formula **LT: Use a formula to find the perimeter of a rectangle.** *Vocab -formula, perimeter 6.2 Apply the Area Formula **LT: Use a formula to find the**	**Review: Comparing Fractions**- MA.4.FR.1.4 Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators. **Preview: Fractional Parts of a Circle** (See Daily Math Week 14 Problem 5 as example)- MA.4.GR.1.2 Solve real-world and mathematical problems involving unknown whole-number angle measures. Write an equation to represent the unknown.	Day 1 Chapter 5 Review Day 2 Chapter 4 and 5 Test Day 3 Apply the Perimeter Formula (6.1) Day 4 Apply the Area Formula (6.2) Day 5 Same Perimeter, Different Areas (6.3)	<u>Lessons</u> Perimeter and Area of Rectangles <u>Boosters</u> Perimeter of Rectangles Area of Rectangles	[Week 14 - Daily Math](#) Skills: Place Value and Value of the Underlined Digit, Number Patterns, Multiplying with Zeros, Multiplying Whole Numbers

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		area of a rectangle. *Vocab -area, base (b), height (h), square unit 6.3 Same Perimeter, Different Areas **LT: Compare areas of rectangles that have the same perimeter.**				with Fractions, Fractional Degrees of a Circle
Week 15 11/27-12/1	**MA.4.GR.2.2 (6.4, 6.5)** Solve problems involving rectangles with the same perimeter and different areas or with the same area and different perimeters. **MA.4.GR.2.1 (6.6)** Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.	6.4 Same Area, Different Perimeters **LT: Compare perimeters of rectangles that have the same area.** 6.5 Find Unknown Measures **LT: Given perimeter or area, find the unknown measure of a side of a rectangle.** 6.6 Find the Area **LT: Use the strategy *solve a simpler problem* to solve area problems.** Chapter 6 Review	**Review: Classifying Shapes** MA.4.G.1.1 Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right obtuse, straight or reflex. **Preview: Convert Fractions (tenths and hundredths) to Decimals** MA.4.FR.1.2 Use decimal notation to represent fractions with denominators of 10 or 100, including mixed numbers and fractions greater than 1, and use fractional notation with	Day 1 Same Area, Different Perimeters (6.4) Day 2 Find Unknown Measures (6.5) Day 3 Find the Area (6.6) Day 4 Chapter 6 Review Day 5 Chapter 6 Test	<u>Lessons</u> Perimeter and Area of Rectangles <u>Boosters</u> Perimeter of Rectangles Area of Rectangles	[Week 15 - Daily Math] Skills: Fractions and Decimals, Writing Equations with Variables, Division, Multiplying a Whole Number by a Fraction, Identifying Angles

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		[Chapter 6 Test](#)	denominators of 10 or 100 to represent decimals.			and Degrees, Classifying Triangles by their Sides and Angles
Week 16 12/4-12/8	**4.FR.1.3 (8.1, 8.2, 8.3, 8.4)** Identify and generate equivalent fractions, including fractions greater than one. Describe how the numerator and denominator are affected when the equivalent fraction is created. **4.FR.1.1 (8.1, 8.2)** Model and express a fraction, including mixed numbers and fractions greater than one, with the denominator 10 as an equivalent fraction with the denominator 100. **4.FR.2.1 (8.5, 8.6)** Decompose a fraction, including mixed numbers and fractions greater than	8.1 Equivalent Fractions **LT: Use models to show equivalent fractions.** *Vocabulary - Equivalent fractions 8.2 Generate Equivalent Fractions **LT: Use multiplication to generate equivalent fractions.** 8.3 Simplify to Generate Equivalent Fractions **LT: Write and identify equivalent fractions in simplest forms.** 8.4 Find Equivalent Fractions **LT: Solve real-world**	**Review: Multiplicative Comparison Statements-** MA.4.AR.1.1 Solve real-world problems involving multiplication and division of whole numbers including problems in which remainders must be interpreted within the context. **Preview: Classify Triangles by their Angles-** MA.4.GR.1.1 Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight or reflex.	Day 1 Equivalent Fractions (8.1) Day 2 Generate Equivalent Fractions (8.2) Day 3 Use Division to Generate Equivalent Fractions (8.3) 2 Days Day 4 Use Division to Generate Equivalent Fractions (8.3) 2 Days Day 5 Find Equivalent Fractions (8.4)	Lessons Generating Equivalent Fractions Boosters Extend Understanding of Equivalent Fractions Equivalent Fractions	[Week 16 - Daily Math](#) Skills: Fractions and Decimals, Writing Equations with Variables, Division, Multiplying a Whole Number by a Fraction, Identifying Angles and Degrees, Classifyin

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	one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each decomposition with objects, drawings and equations. **4.FR.2.2 (8.5, 8.6)** Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with reliability.	**problems by finding equivalent fractions.** 8.5 Write Fractions as Sums **LT: Decompose a fraction by writing it as a sum of fractions with the same denominators.** *Vocabulary - Unit fraction				g Triangles by their Sides and Angles
Week 17 12/11- 12/15	**4.FR.2.1 (8.5, 8.6)** Decompose a fraction, including mixed numbers and fractions greater than one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each decomposition with objects, drawings and equations. **4.FR.2.2 (8.5, 8.6)** Add and subtract fractions with like denominators, including mixed numbers and	8.6 Rename Fractions and Mixed Numbers **LT: Write fractions greater than 1 as mixed numbers and write mixed numbers as fractions greater than 1.** *Vocabulary - Mixed number Chapter 8 Review Chapter 8 Test	**Review: Division** MA.4.NSO.2.4 Divide a whole number up to four digits by a one digit whole number with procedural reliability. Represent remainders as fractional parts of the divisor. **Preview: Classify Triangles by types of angles** MA.4.GR.1.1 Informally explore angles as an attribute of two-dimensional figures. Identify and classify	Day 1 Write Fractions as Sums (8.5) Day 2 Rename Fractions and Mixed Numbers (8.6) 2 Days Day 3 Rename Fractions and Mixed Numbers (8.6) Day 4 Chapter 8 Review Day 5 Chapter 8 Test	Skills Boosters	Week 17 - Daily Math Skills: Naming Fractions and Decimals Greater than One, Writing Equations with Variables, Multiplyi ng by 1-

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	fractions greater than one, with reliability.		angles as acute, right, obtuse.			Digit Numbers, Multiplying Whole Numbers by Mixed Numbers, Additive Angles, Naming Quadrilaterals
Week 18 12/18-12/22 12/21 End of Grading Period 12/22 No School	**MA.4.FR.1.4 (9.1, 9.2, 9.3)** Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.	9.1 Compare Fractions Using Benchmarks **LT: Compare fractions using benchmarks.** *Vocabulary - Benchmark 9.2 Compare Fractions **LT: Compare fractions by first writing them as fractions with a common numerator or a common denominator.** 9.3 Compare and Order Fractions **LT: Compare and order fractions.**	**Review: Multiplication**-MA.4.NSO2.2 and MA.4.NSO2.3 Multiply two whole numbers, up to three digits by up to two digits, with procedural fluency. Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency. **Preview**: **Adding Tenths and Hundredths**-MA.4.FR.2.3 Explore the addition of a fraction with denominator of 10 to a fraction with a	Day 1 Compare Fractions (include benchmarks) (9.1 & 9.2) Day 2 Compare and Order Fractions (9.3) Day 3 Chapter 9 Review Day 4 Chapter 9 Test	Lessons Comparing Fractions Boosters Compare Fractions	Week 18 - Daily Math Skills: Naming Fractions and Decimals Greater than One, Writing Equations with Variables, Multiplying by 1-Digit Numbers, Multiplyi

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		[Chapter 9 Review](#) [Chapter 9 Test](#)	denominator of 100 using equivalent fractions.		ng Whole Numbers by Mixed Numbers, Additive Angles, Naming Quadrilaterals

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Date	Standard	Whole Group	Small Group		Waggle	Daily Math
			Review/Preview	Current Skills		
Week 19 1/8-1/12 1/8 Teacher Planning	**MA.4.FR.2.2 (10.1, 10.2, 10.3, 10.4)** Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability. **MA.4.AR.1.2. (10.1, 10.2, 10.3, 10.4)** Solve real-world problems involving addition and subtraction of fractions with like denominators, including mixed numbers and fractions greater than 1.	Ch. 10 (No new vocabulary) 10.1 Add and Subtract Parts of a Whole **LT: Understand that to add or subtract fractions they must refer to parts of the same whole.** 10.2 Add Fractions Using Models **LT: Use models to represent and find sums involving fractions.** 10.3 Subtract Fractions Using Models **LT: Use models to represent and find differences involving fractions.** 10.4 Use Benchmarks to Determine Reasonableness **LT: Use benchmarks to estimate and to assess the reasonableness of the calculations.**	**Review:Comparing fractions using a number line- MA.4.FR.1.4 Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.** *Clarification 1: When comparing fractions, instruction includes using an appropriately scaled number line and using reasoning about their size.* **Preview: Measurement** MA.4.M.1.1 Measure the length of objects and solve problems involving measurement linear measurement (on a ruler) to the nearest ⅛ and 1/16 temperature	Day 1 Add and Subtract Parts of a Whole (10.1) Day 2 Add Fractions Using Models (10.2) Day 3 Subtract Fractions Using Models (10.3) Day 4 Use Benchmarks to Determine Reasonableness (10.4)	Lessons Understanding Addition of Fractions Understanding Subtraction of Fractions Boosters Understand Subtraction of Fractions Understand Addition of Fractions Fractions as Sum	Week 19 - Daily Math Create an equivalent fraction with a denominator of 10 or 100, Select equivalent fraction models, Multiplication comparisons, Finding units of measure, Multiplication comparison models, Place

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						of Fractions Subtract Fractions with Like Denominators Add Fractions with Like Denominators	value vs value of a number
Week 20 1/15-1/19 1/15 No School	**MA.4.FR.2.2 (10.5, 10.6, 10.7)** Add and subtract fractions with like denominators, including mixed numbers and fractions greater than one, with procedural reliability. **MA.4.AR.1.2. (10.5, 10.6, 10.7)** Solve real-world problems involving addition and subtraction of fractions with like denominators, including mixed numbers and fractions greater than 1.	10.5 Add and Subtract Fractions **LT: Solve word problems involving addition and subtraction with fractions.** 10.6 Add and Subtract Mixed Numbers **LT: Add and subtract mixed numbers.** 10.7 Use Properties of Addition **LT: Use the properties of addition to add fractions.**	**Review: Simplest Form-** MA.4.FR.1.3 Identify and generate equivalent fractions, including fractions greater than 1. Describe how the numerator and denominator are affected when the equivalent fraction is created. **Preview: Elapsed Time** MA.4.M.2.1 Solve two-step and real-world problems involving distances and intervals of time using any combination of the four operations.	Day 1 Add and Subtract Fractions (10.5) Day 2 Add and Subtract Mixed Numbers (10.6) 2 Days Day 3 Add and Subtract Mixed Numbers (10.6) Day 4 Use Properties of Addition (10.7)	Lessons Solving Problems with Fractions with Like Denominators Boosters Solve Problems by Subtracting Fractions Solve	[Week 20 - Daily Math](#) Equivalent fractions with 10 & 100, Comparing fractions, Completing a unit of measurement table, Line of symmetry

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					Problems by Adding Fractions	, How many times greater Place Value
Week 21 1/22-1/26	**MA.4.AR.1.3 (11.4)** Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction. **MA.4.FR.2.4 (11.1, 11.2, 11.3)** Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	Chapter 10 Review Chapter 10 Test Ch. 11 Prerequisite Vocabulary - Fraction, Mixed number, Multiple, Product, Unit fraction 11.1 Multiples of Unit Fractions **LT: Write a fraction as a product of a whole number and a unit fraction.** 11.2 Multiples of Fractions **LT: Write a product of a whole number and a fraction as a product of a whole number and a unit fraction.** 11.3 Multiply a Fraction by a Whole Number Using Models **LT: Use a model to multiply a fraction by a whole**	**Review: Place Value/Value** MA.4.NSO.1.1 Express how the value of a digit in a multi-digit whole number changes if the digit moves one place to the left or right. (*focus on 10 times more and 1/10 less and 100 times more and 1/100 less) **Preview**: **Balanced Equations** MA.4.AR.2.1 and MA.4.AR.2.2 2.1-Determine and explain whether an equation involving any of the four operations with whole numbers is true or false. 2.2-Given a mathematical or real-world context, write and equation involving multiplication or division to determine the unknown whole number with the	Day 1 Chapter 10 Review Day 2 Chapter 10 Test Day 3 Multiples of Unit Fractions (11.1) Day 4 Multiples of Fractions (11.2) Day 5 Multiply a Fraction by a Whole Number (11.3)	Lessons Multiples of Unit Fractions Multiplying Fractions by Whole Numbers Boosters Fractions as Multiples of Unit Fractions Multiply Fractions by Whole Numbers	Week 21 - Daily Math Adding fractions with denominators of 10 & 100, Simplifying fractions, Comparative Relational Thinking, Expanded word & standard form, Line of symmetry, Elapsed time

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		number.	unknown in any position.			
Week 22 1/29-2/2	**MA.4.AR.1.3 (11.4, 11.5, 11.6)** Solve real-world problems involving multiplication of a fraction by a whole number or a whole number by a fraction. **MA.4.FR.2.4 (11.4, 11.5, 11.6)** Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.	11.4 Find Part of a Group **LT: Model to find the fractional part of a group.** 11.5 Multiply Fractions and Whole Numbers **LT: Model the product of a fraction and a whole number.** 11.6 Fraction and Whole-Number Multiplication **LT: Multiply fractions and whole numbers.** Chapter 11 Review Chapter 11 Test	**Review: Factors, Multiples and Prime/Composite Numbers**-MA.4.AR.3.1 Determine factor pairs for a whole number from 0 to 144. Determine whether a whole number from 0 to 144 is prime, composite, or neither. **Preview: Perimeter with a Missing Side**-MA.4.GR.2.1 Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.	Day 1 Find Part of a Group (11.4) Day 2 Multiply Fractions and Whole Numbers (11.5) Day 3 Fraction and Whole Number Multiplication (11.6) Day 4 Chapter 11 Review Day 5 Chapter 11 Test	Lessons Solve Problems by Multiplying a Fraction by a Whole Number Boosters	Week 22 - Daily Math Adding fractions with 10 & 100, Simplifying fractions, Comparative Relational Thinking, Line of symmetry, Elapsed time, Word, standard, expanded forms of numbers
Week 23 2/5-2/9	**MA.4.FR.1.2 (12.1, 12.2, 12.3, 12.5)** Use decimal notation to represent fractions with denominators of 10 or 100, including mixed numbers and fractions greater than 1, and	12.1 Model Tenths and Hundredths **LT: Model tenths and hundredths.** *Vocabulary - Decimal, Decimal point, Tenth,	**Review: Ordering Decimals** MA.4.NSO.1.5 Plot, order and compare decimals up to the hundredths.	Day 1 Model Tenths and Hundredths (12.1) Day 2 Relate Tenths and Decimals (12.2)	Lessons Comparing Decimals to	Week 23 - Daily Math Fractions

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use fractional notation with denominators of 10 or 100 to represent decimals. **MA.4.FR.1.1 (12.4)** Model and express a fraction, including mixed numbers and fractions greater than one, with the denominator 10 as an equivalent fraction with the denominator 100. **MA.4.NSO.2.6 (12.2, 12.3, 12.5)** Identify the number that is one-tenth more, one-tenth less, one-hundredth more, and one-hundredth less than a given number	Hundredth 12.2 Relate Tenths and Decimals **LT: Record tenths as fractions and as decimals.** *Vocabulary - Tenth 12.3 Relate Hundredths and Decimals *Vocabulary - Hundredth **LT: Record hundredths as fractions and as decimals.** 12.4 Equivalent Fractions and Decimals *Vocabulary - Equivalent decimals **LT: Record tenths and hundredths as fractions and decimals.** 12.5 Relate Fractions, Decimals, and Money **LT: Translate among representations of fractions, decimals, and money.**	**Preview: Area with a Missing Side** MA.4.GR.2.1 Solve perimeter and area mathematical and real-world problems, including problems with unknown sides, for rectangles with whole-number side lengths.	Day 3 Relate Hundredths and Decimals (12.3) Day 4 Equivalent Fractions and Decimals (12.4) Day 5 Relate Fractions, Decimals, and Money (12.5)	Hundredths Renaming Fractions as Decimals Boosters Equivalent Fractions with Denominators of 10 and 100 Compare Decimals to Tenths Compare Decimals to Hundredths Rename Fractions as Decimals	& mixed numbers as decimals, Decomposing fractions & mixed numbers, Factors, Rounding numbers, Naming geometric figures

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Week 24 2/12-2/16	**MA.4.FR.1.1 (12.6**) Model and express a fraction, including mixed numbers and fractions greater than one, with the denominator 10 as an equivalent fraction with the denominator 100. **MA.4.FR.2.3 (12.6)** Explore the addition of a fraction with denominator of 10 to a fraction with denominator of 100 using equivalent fractions. **MA.4.NSO.1.5 (12.7, 12.8)** Plot, order, and compare decimals up to the hundredths.	12.6 Add Fractional Parts of 10 and 100 **LT: Add fractions when the denominators are 10 or 100.** 12.7 Compare Decimals **LT: Compare decimals to hundredths by reasoning about their size.** 12.8 Order Decimals **LT: Order decimals using benchmarks.** Chapter 12 Review Chapter 12 Test	**Review: Add/Subtract Mixed Numbers** MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed numbers and fractions greater than 1, with procedural reliabillity. **Preview: Fractional Parts of a Circle** MA.4.GR.1.3 Solve real-world and mathematical problems involving unknown whole-number angle measures. Write an equation to represent the unknown.	Day 1 Add Fractional Parts of 10 and 100 (12.6) Day 2 Compare Decimals (12.7) Day 3 Order Decimals (12.8) Day 4 Chapter 12 Review Day 5 Chapter 12 Test	Lessons Adding Equivale nt Fractions Boosters Add Fractions with Denomin ators of 10 and 100	Week 24 - Daily Math Mixed numbers as decimals, Selecting equations for fractions & mixed numbers, Factor pairs, Finding missing Length with given perimeter, Rounding, Classifyin g angles
Week 25 2/19-2/23 2/19	**MA.4.NSO.2.7 (13.1, 13.2, 13.3, 13.4)** Explore the addition and subtraction of multi-digit numbers with decimals to the hundredths.	Ch. 13 Prerequisite Vocabulary - Decimal point, Hundredths, Tens, Tenths, Ones, Place value	**Review**: Powers of Ten (Decimals) MA.4.NSO.2.6 Identify the number that is one-tenth more, one-tenth	Day 1 Decimal Addition (13.1) Day 2 Decimal Subtraction (13.2)	Lessons Boosters	Week 25 - Daily Math Plotting

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No School	**MA.4.NSO.2.6 (13.3, 13.4)** Identify the number that is one-tenth more, one-tenth less, one-hundredth more and one-hundredth less than a given number.	13.1 Decimal Addition **LT: Model decimal addition using base-ten blocks.** 13.2 Decimal Subtraction **LT: Model decimal subtraction using base-ten blocks.** 13.3 Add Decimals **LT: Solve real-world decimal problems using addition.** 13.4 Subtract Decimals **LT: Solve real-world decimal problems using subtraction.**	less, one-hundredth more and one hundredth less than a given number. **Preview: Analyze Line Plots using Mode, Median and Range** MA.4.DP.1.2 Determine the mode, median or range to interpret numerical data including fractional values, represented with tables, stem-and-leaf plots or line plots **(each day use a different line plot and find the mode, median and range)**	Day 3 Add Decimals (13.3) Day 4 Subtract Decimals (13.4)		fractions & decimals; Multiples; Finding a missing length given the area; ; Add & subtract fractions and mixed numbers; Comparing whole numbers; Classifying quadrilateral by their lines
Week 26 2/26-3/1		13.5 Add and Subtract Money *Vocabulary - Balance, Deposit, Withdrawal **LT: Solve real-world money problems using addition and subtraction.** 13.6 Solve Multi-Step Money Problems **LT: Solve multi-step real-**	**Review: Decomposing Mixed Numbers** MA.4.FR.2.1 Decompose a fraction, including mixed numbers and fractions greater than one, into a sum of fractions with the same denominator in multiple ways. Demonstrate each	Day 1 Add and Subtract Money (13.5) Day 2 Solve Multi-Step Money Problems (13.6) 2 Days Day 3 Solve Multi-Step Money Problems (13.6)	Lessons Boosters	[Week 26 - Daily Math](#) Plotting & comparing decimals, Add & subtract fractions

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		world money problems. Chapter 13 Review Chapter 13 Test	decomposition with objects, drawings and equations. **Preview: Analyze Stem-and-Leaf Plots using Mode, Median and Range** MA.4.DP.1.2 Determine the mode, median or range to interpret numerical data including fractional values, represented with tables, stem-and-leaf plots or line plots **(each day use a different stem-and-leaf plot and find the mode, median and range)**	Day 4 Chapter 13 Review Day 5 Chapter 13 Test		& mixed numbers, Multiples; Classify quadrilaterals by their lines & angles, Comparing whole numbers, Finding area given length
Week 27 3/4-3/8	**MA.4.GR.1.1 (14.1, 14.2)** Informally explore angles as an attribute of two-dimensional figures. Identify and classify angles as acute, right, obtuse, straight, or reflex. **MA.4.GR.1.2 (14.2, 14.3, 14.4)** Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in	14.1 Explore Angles **LT: Identify, draw, and classify angles.** *Vocabulary - Right angle, Straight angle, Acute angle, Obtuse angle, Reflex angle 14.2 Degrees **LT: Relate degrees to fractional parts of a circle by understanding that an angle that measures nº turns through n/360 of a**	**Review: Compare Decimals** MA.4.NSO.1.5 Plot, order and compare decimals up to the hundredths. **Preview: Types of Triangles** MA.4.G.1.1 Informally explore angles as an attribute of two-dimensional figures.	Day 1 Explore Angles (14.1) Day 2 Degrees (14.2) Day 3 Measure and Draw Angles (14.3) 2 Days Day 4 Measure and Draw Angles (14.3) 2 Days Day 5 Join and Separate	Lessons Types of Figures Boosters Identify Parts of Two-Dimensional Figures	Week 27 - Daily Math Comparing decimals & fractions, Prime vs composite, Finding the

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	whole-number degrees. Demonstrate that angle measure is additive. **MA.4.GR.1.3 (14.4)** Solve real-world and mathematical problems involving unknown whole number angle measures. Write an equation to represent the unknown.	**circle.** *Vocabulary - Degrees 14.3 Measure and Draw Angles **LT: Use a protractor to measure an angle and draw an angle with a given measure.** *Vocabulary - Protractor 14.4 Join and Separate Angles **LT: Determine the measure of an angle separated into parts.**	Identify and classify angles as acute, right, obtuse, straight and reflex.	Angles (14.4)	Types of Angles	missing angle & additive angles
Week 28 3/11-3/15 3/13 End of Grading Period 3/14 Teacher Planning 3/15 No School	**MA.4.GR.1.3 (14.5)** Solve real-world and mathematical problems involving unknown whole number angle measures. Write an equation to represent the unknown. **MA.4.M.1.1 (15.1)** Select and use appropriate tools to measure attributes of objects.	14.5 Unknown Angle Measures **LT: Use the strategy *draw a diagram* to solve angle measurement problems.** Chapter 14 Review Chapter 14 Test	**Review: Comparing Fractions** MA.4.FR.1.4 Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators. **Preview**: **Division** MA.4.NS.2.4 Divide a whole number up to four digits by a one-digit whole number with procedural reliability. Represent remainders as fractional parts of the	Day 1 Unknown Angle Measures (14.5) Day 2 Chapter 14 Review Day 3 Chapter 14 Test		Week 28 - Daily Math Comparing decimals & fractions, Prime vs composite, Finding the missing angle & additive angles

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			divisor.			

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Date	Standard	Whole Group	Small Group Review/ Preview	Current Skills	Waggle	Daily Math
Week 29 3/25-3/29	**MA.4.M.1.2 (15.2, 15.3, 15.4, 15.5)** Convert within a single system of measurement using the units: yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hours, minutes, seconds.	15.2 Customary Units of Length **LT: Use models to compare customary units of length.** 15.3 Customary Units of Weight **LT: Use models to compare customary units of weight.** *Vocab - ounces, pound, ton 15.4 Customary Units of Liquid Volume **LT: Use models to compare customary units of liquid volume.** *Vocab - liquid volume, gallons, half gallons, quarts, pints, cups, fluid ounces 15.5 Mixed Measures **LT: Solve problems involving mixed measures.**	**Review: Additive Angles (Missing Angles)** MA.4.GR.1.3 Solve real-world and mathematical problems involving unknown whole-number angle measures. Write an equation to represent the unknown. **Preview: Adding Subtracting Decimals.** Two-step word problems including money.	Day 1 Customary Units of Length (15.2) Day 2 Customary Units of Weight (15.3) Day 3 Customary Units of Liquid Volume (15.4) Day 4 Mixed Measures (15.5) 2 Days Day 5 Mixed Measures (15.5)	<u>Lessons</u> Units of Measure Converting From Larger to Smaller Units <u>Boosters</u> Converting From Larger to Smaller Units Units of Measure	[Week 29 - Daily Math](#) Equivalent fractions with denominators of 100, Converting fractions to decimals, Multiply whole number with fractions, Number patterns, Add, subtract, multiply & divide whole numbers, Using a protractor, Classify quadrilatera

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Week 30 4/1-4/5	**MA.4.M.1.2 (15.6, 15.7)** Convert within a single system of measurement using the units: yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hours, minutes, seconds. **MA.4.M.1.1 (16.1)** Select and use appropriate tools to measure attributes of objects.	15.6 Metric Units of Length **LT: Use models to compare metric units of length.** *Vocabulary - Decimeters, Millimeters 15.7 Metric Units of Mass and Liquid Volume **LT: Compare metric units of mass and liquid volume.** *Vocabulary - Milliliters Chapter 15 Review Chapter 15 Test Ch. 16 Prerequisite Vocabulary - Elapsed time, Day, Hour, Minute, Week 16.1 Temperature **LT: Estimate and measure temperature in degrees Fahrenheit and degrees Celsius.**	**Review: Classifying Quadrilaterals** MA.4.GR.1.1 Informally explore angles as an attribute of two dimensional figures. Identify and classify angles as acute, right, obtuse, straight and reflex. **Preview: Adding Subtracting Decimals.** MA.4.M.2.2 Solve one-and two-step addition and subtraction real world problems involving money using decimal notation	Day 1 Metric Units of Length (15.6) Day 2 Metric Units of Mass and Liquid Volume (15.7) Day 3 Chapter 15 Review Day 4 Chapter 15 Test Day 5 Temperature (16.1)	Lessons Boosters	Week 30 - Daily Math Subtracting fractions with denominators of 10 & 100, Missing parts of multiply whole number with fractions, Number patterns, Add, subtract, multiply & divide whole numbers, Using a protractor, Classify quadrilaterals

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Week 31 4/8-4/12	**MA.4.M.1.2 (16.2)** Convert within a single system of measurement using the units: yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hours, minutes, seconds. **MA.4.M.2.1 (16.3)** Solve two-step real-world problems involving distances and intervals of time using any combination of the four operations.	16.2 Units of Time **LT: Use models to compare units of time.** *Vocabulary - Second 16.3 Elapsed Time **LT: Use the strategy *draw a diagram* to solve elapsed time problems.** Chapter 16 Review Chapter 16 Test Ch. 17 Prerequisite Vocabulary - Tally table 17.1 Frequency Tables **LT: Collect and represent data in a frequency table.** *Vocabulary - Frequency, Frequency table 17.2 Use Frequency Tables **LT: Solve problems using a frequency table.**	**Review: Measure Angles using a Protractor** MA.4.GR.1.2 Estimate angle measures. Using a protractor, measure angles in whole-number degrees and draw angles of specified measure in whole-number degrees. Demonstrate that angle measure is additive. **Preview**: **Measurement Conversions** MA.4.M.1.2 Convert within a single system of measurement using the units; yards, feet, inches; kilometers, meters, centimeters, millimeters; pounds, ounces; kilograms, grams; gallons, quarts, pints, cups; liter, milliliter; and hour, minutes, seconds.	Day 1 Units of Time (16.2) Day 2 Elapsed Time (16.3) Day 3 Chapter 16 Review Day 4 Chapter 16 Test Day 5 Frequency Tables (17.1, 17.2)	Lessons Boosters	Week 31 - Daily Math Multiplication Comparisons, Area, How many times greater place value, Equivalent fraction models, Classifying quadrilaterals & triangles

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	MA.4.DP.1.1 (17.1, 17.2) Collect and represent numerical data, including fractional values, using tables, stem-and-leaf plots, or line plots. **MA.4.DP.1.3 (17.1, 17.2)** Solve real-world problems involving numerical data.					
Week 32 4/15-4/19	**MA.4.DP.1.2 (17.3)** Determine the mode, median, or range to interpret numerical data including fractional values, represented with tables, stem-and-leaf	17.3 Determine Mode, Median, and Range **LT: Describe a set of data using mode, median and range.** *Vocabulary - Median, Mode, Range 17.4 Line Plots **LT: Make a line plot to display a set of data with whole numbers and**	**Review: Number Patterns** MA.4.AR.3.2 Generate, describe and extend a numerical pattern that follows a given rule. **Preview: Add/Subtract Mixed Numbers** MA.4.FR.2.2 Add and subtract fractions with like denominators, including mixed	Day 1 Determine Mode, Median, and Range 17.3) 2 Days Day 2 Determine Mode, Median, and Range 17.3) Day 3 Line Plots (17.4) Day 4 Use Line Plots (17.5) Day 5 Stem and Leaf Plots (17.6)	Lessons Line Plots Boosters Add and Subtract to Solve Problems with Line Plots Line Plots to Eighth	Week 32 - Daily Math Rounding Whole Numbers, Area & perimeter, Line of symmetry, Multiplying whole numbers &

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	plots, or line plots. **MA.4.DP.1.1 (17.4 17.5, 17.6)** Collect and represent numerical data, including fractional values, using tables, stem-and-leaf plots, or line plots. **MA.4.DP.1.3 (17.3, 17.4, 17.5, 17.6)** Solve real-world problems involving numerical data.	**fractions.** *Vocabulary - Line plot 17.5 Use Line Plots **LT: Use line plots to solve real-world problems involving whole numbers, fractions, and decimals.** 17.6 Stem-and-Leaf Plots **LT: Make stem-and-leaf plots with whole numbers.** *Vocabulary - Stem-and-Leaf plot	numbers and fractions greater than one, with procedural reliability.		of a unit	fractions
Week 33 4/22-4/26 4/24 Half Day	**MA.4.DP.1.1 (17.7)** Collect and represent numerical data, including fractional values, using	17.7 Use Stem-and-Leaf Plots **LT: Solve real-world problems using a stem-and-leaf plot.** [Chapter 17 Review](Chapter%2017%20Review)		Day 1 Use Stem and Leaf Plots (17.7) 2 Days Day 2 Use Stem and Leaf Plots (17.7) 2 Days Day 3 Chapter 17 Review	<u>Lessons</u> <u>Boosterse</u>	[Week 33 - Daily Math](Week%2033%20-%20Daily%20Math) Prime vs Composite, Measure of degrees in

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	tables, stem-and-leaf plots, or line plots **MA.4.DP.1.3 (17.7)** Solve real-world problems involving numerical data.	[Chapter 17 Test](#)		Day 4 Chapter 17 Test		fraction form, Factors of whole numbers, Missing addends, Plotting decimals on a number line, Classifying quadrilaterals by lines & angles
Week 34 4/29-5/3			How to access Practice Tests for cumulative review Open HMHed Grade 4 Discover Tab All Resources Button Florida Standards Assessment Available Getting Ready for the FSA Practice Test 1 (33 questions) (Digital) Getting Ready for the FSA Practice Test 2 (33 questions) (Digital) Getting Ready for the FSA Practice Test 3 (33 questions) (Digital)	Review		[Week 34 - Daily Math](#) Balancing equations, Finding unknown angles, Finding the measure of an angle using a protractor, Adding & subtracting fractions with 10th & 100th using

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						models
Week 35 5/6-5/10				Review		
Week 36 5/13-5/17				Review		
Week 37 5/20-5/24 5/24 End of Grading Period				Review		
Week 38						