Washington State K-12 Learning Standards and Guidelines
Mathematics
Grade: **3** - Adopted: **2011**

EALR	WA.MP.	Mathematical Practices
BIG IDEA / CORE CONTENT	MP.1.	Make sense of problems and persevere in solving them.
		Mathematics 3 Math 3 A - Module 01: Relate Multiplication to Addition - Equal Groups: Multiplication Math 3 A - Module 01: Relate Multiplication to Addition - Multiplication as Repeated Addition
		Math 3 A - Module 01: Relate Multiplication to Addition - Problem Solving: Using Multiplication Strategies
		Math 3 A - Module 01: Relate Multiplication to Addition - Skip Counting
		Math 3 A - Module 01: Relate Multiplication to Addition - Using a Number Line to Multiply
		Math 3 A - Module 02: Multiplication - Multiplication Expressions and Equations
		Math 3 A - Module 02: Multiplication - Problem Solving: Applying Multiplication Strategies
		Math 3 A - Module 02: Multiplication - Use a Multiplication Chart to Multiply
		Math 3 A - Module 02: Multiplication - Using Arrays to Multiply
		Math 3 A - Module 02: Multiplication - Using Pictures to Multiply
		Math 3 A - Module 03: Relate Division - Applying Division Strategies
		Math 3 A - Module 03: Relate Division - Division as Repeated Subtraction
		Math 3 A - Module 03: Relate Division - Relate Multiplication and Division for Groups
		Math 3 A - Module 03: Relate Division - Use Arrays to Relate Multiplication and Division
		Math 3 A - Module 05: Place Value: Whole Numbers - Add Whole Numbers

Math 3 B - Module 24: Measuring Length - Measure to the Nearest Half of an Inch

Math 3 B - Module 24: Measuring Length - Measure to the Nearest Quarter of an Inch

Math 3 B - Module 24: Measuring Length - Problem Solving: Length

Math 3 B - Module 25: Measuring Mass - Estimate Mass

Math 3 B - Module 25: Measuring Mass - Problem Solving: Mass

Math 3 B - Module 25: Measuring Mass - Units of Measure: Mass

Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity

Math 3 B - Module 29: Area - Find the Area

Math 3 B - Module 29: Area - Problem Solve: Word Problems Finding Area

Math 3 B - Module 30: Area of a Rectangle - Missing Side Lengths of a Rectangle

Math 3 B - Module 30: Area of a Rectangle - Multiply Side Lengths to Find the Area

Math 3 B - Module 30: Area of a Rectangle - Problem Solve: Real-World Problems Finding the Area

Math 3 B - Module 31: Relate Area - Add the Area

Math 3 B - Module 31: Relate Area - Break Apart Rectilinear Figures

Math 3 B - Module 31: Relate Area - Find the Cost

Math 3 B - Module 31: Relate Area - Problem Solving: Reasoning to Find the Area

Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area

Math 3 B - Module 32: Perimeter - Different Perimeters and Areas

Math 3 B - Module 32: Perimeter - Find the Perimeter

Math 3 B - Module 32: Perimeter - Problem Solve: Real-World Problems Finding the Perimeter

Math 3 B - Module 32: Perimeter - What is Perimeter

Math 3 B - Module 32: Perimeter - What is the Missing Length

Math 3 B - Module 34: Estimating - Dividing Larger Numbers

Math 3 B - Module 34: Estimating - Estimating Money

Math 3 B - Module 34: Estimating - Estimating Products

Math 3 B - Module 34: Estimating - Estimating Sums

Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction

Math 3 B - Module 36: Multiples and Factors - Multiples of 1 Through 5

Math 3 B - Module 36: Multiples and Factors - Multiples of 6 Through 10

BIG IDEA / CORE CONTENT	MP.2.	Reason abstractly and quantitatively.

Mathematics 3

Math 3 A - Module 04: Division - Dividing with Input and Output Tables

Math 3 A - Module 08: Arithmetic Patterns - Addition Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Even and Odd Numbers

Math 3 A - Module 08: Arithmetic Patterns - Multiplication Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Properties of Operations

Math 3 A - Module 09: Properties of Multiplication - Multiplication Input and Output Tables

Math 3 B - Module 19: Compare Fractions - Denominators

Math 3 B - Module 22: Use Fractions to Partition Shapes - A Fractioned Shape

Math 3 B - Module 36: Multiples and Factors - Multiples of 1 Through 5

Math 3 B - Module 36: Multiples and Factors - Multiples of 6 Through 10

Math 3 B - Module 36: Multiples and Factors - Prime and Composite Numbers

BIG IDEA / CORE CONTENT	MP.3.	Construct viable arguments and critique the reasoning of others.

Mathematics 3

Math 3 A - Module 18: Working with Fractions - Draw Fractions

Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions

Math 3 B - Module 22: Use Fractions to Partition Shapes - Equal Parts in Shapes

BIG IDEA / CORE CONTENT	MP.4.	Model with mathematics.

Mathematics 3

Math 3 A - Module 01: Relate Multiplication to Addition - Equal Groups: Multiplication

Math 3 A - Module 01: Relate Multiplication to Addition - Multiplication as Repeated Addition

Math 3 A - Module 01: Relate Multiplication to Addition - Problem Solving: Using Multiplication Strategies

Math 3 A - Module 02: Multiplication - Multiplication Expressions and Equations

Math 3 A - Module 02: Multiplication - Problem Solving: Applying Multiplication Strategies

Math 3 A - Module 03: Relate Division - Division as Repeated Subtraction

Math 3 A - Module 04: Division - Explain Division

Math 3 A - Module 04: Division - Problem Solve: Reasoning with Division Facts

Math 3 A - Module 04: Division - Use Arrays to Divide

Math 3 A - Module 04: Division - Use Pictures to Divide

Math 3 A - Module 05: Place Value: Whole Numbers - Compare and Order Numbers

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Addition and Subtraction

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: All Four Operations

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Multiplication and Division

Math 3 A - Module 16: Fractions - Non-Unit Fractions

Math 3 A - Module 16: Fractions - Unit Fractions

Math 3 B - Module 19: Compare Fractions - Compare Fractions

Math 3 B - Module 19: Compare Fractions - Using Symbols to Compare Fractions

Math 3 B - Module 22: Use Fractions to Partition Shapes - A Fractioned Shape

Math 3 B - Module 22: Use Fractions to Partition Shapes - Equal Parts in Shapes

Math 3 B - Module 27: Measuring Data - Collect and Record Data

Math 3 B - Module 27: Measuring Data - Draw Scaled Bar Graphs

Math 3 B - Module 27: Measuring Data - Draw Scaled Picture Graphs

Math 3 B - Module 27: Measuring Data - Problem Solve: How Many More or How Many Less

Math 3 B - Module 27: Measuring Data - Relate Picture Graphs to Bar Graphs

Math 3 B - Module 28: Line Plots and Graphs - Compare Line Plots to Line Graphs

Math 3 B - Module 28: Line Plots and Graphs - Draw Line Plots

Math 3 B - Module 28: Line Plots and Graphs - Draw a Line Graph

Math 3 B - Module 28: Line Plots and Graphs - Read and Interpret Data on a Line Plot

Math 3 B - Module 33: Place Value - Comparing Numbers Through Ten Thousands

Math 3 B - Module 35: Fractions - Compare Fractions

Math 3 B - Module 35: Fractions - Fractions of a Group

BIG IDEA / CORE CONTENT	MP.5.	Use appropriate tools strategically.
		Mathematics 3
		Math 3 B - Module 24: Measuring Length - Measure Whole Numbers
		Math 3 B - Module 24: Measuring Length - Measure to the Nearest Half of an Inch
		Math 3 B - Module 24: Measuring Length - Measure to the Nearest Quarter of an Inch
		Math 3 B - Module 26: Measuring Capacity - Measure Capacity
BIG IDEA / CORE CONTENT	MP.6.	Attend to precision.
		Mathematics 3
		Math 3 A - Module 05: Place Value: Whole Numbers - Add Whole Numbers

		Math 3 A - Module 05: Place Value: Whole Numbers - Subtract Whole Numbers
		Math 3 B - Module 24: Measuring Length - Add and Subtract Length
		Math 3 B - Module 25: Measuring Mass - Measure Mass
BIG IDEA / CORE CONTENT	MP.7.	Look for and make use of structure.

Mathematics 3

Math 3 A - Module 05: Place Value: Whole Numbers - Multiply Whole Numbers

Math 3 A - Module 05: Place Value: Whole Numbers - Round Whole Numbers

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Add Without Carrying

Math 3 A - Module 16: Fractions - Fractions of a Group

Math 3 A - Module 16: Fractions - Fractions of a Whole

Math 3 A - Module 16: Fractions - Non-Unit Fractions

Math 3 A - Module 16: Fractions - Numerator and Denominator

Math 3 A - Module 16: Fractions - Unit Fractions

Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Equal Parts

Math 3 A - Module 17: Fractions on a Number Line - Fractions on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Problem Solve: Reasoning with Fractions

Math 3 A - Module 17: Fractions on a Number Line - Word Problems with Fractions

Math 3 A - Module 18: Working with Fractions - Draw Fractions

Math 3 A - Module 18: Working with Fractions - Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Fraction Pie

Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions

		Math 3 B - Module 26: Measuring Capacity - Units of Measure: Capacity
		Math 3 B - Module 29: Area - Find the Area
		Math 3 B - Module 29: Area - Measure Area
		Math 3 B - Module 29: Area - Unit Squares
		Math 3 B - Module 29: Area - What is Area
		Math 3 B - Module 30: Area of a Rectangle - Rectangular Arrays
		Math 3 B - Module 33: Place Value - Comparing Numbers Through One Million
		Math 3 B - Module 33: Place Value - Ordering Numbers Through Ten Thousands
		Math 3 B - Module 33: Place Value - Rounding Numbers Through One Million
		Math 3 B - Module 33: Place Value - Rounding Numbers Through Ten Thousands
		Math 3 B - Module 35: Fractions - Equal Parts of a Whole
		Math 3 B - Module 35: Fractions - Equivalent Fractions
		Math 3 B - Module 35: Fractions - Parts of a Set
		Math 3 B - Module 36: Multiples and Factors - Factors of 1 Through 25
		Math 3 B - Module 36: Multiples and Factors - Factors of 26 Through 50
BIG IDEA / CORE CONTENT	MP.8.	Look for and express regularity in repeated reasoning.
		Mathematics 3
		Math 3 A - Module 01: Relate Multiplication to Addition - Skip Counting
		Math 3 A - Module 04: Division - Dividing with Input and Output Tables
		Math 3 A - Module 04: Division - Explain Division
		Math 3 A - Module 08: Arithmetic Patterns - Even and Odd Numbers
		Math 3 B - Module 36: Multiples and Factors - Factors of 1 Through 25
		Math 3 B - Module 36: Multiples and Factors - Factors of 26 Through 50
		Math 3 B - Module 36: Multiples and Factors - Prime and Composite Numbers
EALR	**WA.3.OA.**	**Operations and Algebraic Thinking**
BIG IDEA / CORE CONTENT		**Represent and solve problems involving multiplication and division.**

CORE CONTENT / CONTENT STANDARD	3.OA.1.	Interpret products of whole numbers, e.g., interpret 5 x 7 as the total number of objects in 5 groups of 7 objects each. For example, describe a context in which a total number of objects can be expressed as 5 x 7.

No Correlations

CORE CONTENT / CONTENT STANDARD	3.OA.2.	Interpret whole-number quotients of whole numbers, e.g., interpret 56 / 8 as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. For example, describe a context in which a number of shares or a number of groups can be expressed as 56 / 8.

Mathematics 3

Math 3 A - Module 03: Relate Division - Applying Division Strategies

Math 3 A - Module 03: Relate Division - Division as Repeated Subtraction

Math 3 A - Module 03: Relate Division - Relate Multiplication and Division for Groups

Math 3 A - Module 03: Relate Division - Use Arrays to Relate Multiplication and Division

Math 3 A - Module 03: Relate Division - Using Equal Groups to Divide

Math 3 A - Module 04: Division - Dividing with Input and Output Tables

Math 3 A - Module 04: Division - Explain Division

Math 3 A - Module 04: Division - Problem Solve: Reasoning with Division Facts

Math 3 A - Module 04: Division - Use Arrays to Divide

Math 3 A - Module 04: Division - Use Pictures to Divide

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: All Four Operations

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Multiplication and Division

Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication: Missing Numbers

Math 3 A - Module 11: Solve Problems Involving Division - Division Strategies Within 100

Math 3 A - Module 11: Solve Problems Involving Division - Division: Missing Numbers

Math 3 A - Module 11: Solve Problems Involving Division - Represent Division Word Problems Using Pictures and Equations

Math 3 A - Module 11: Solve Problems Involving Division - Solve Division Situations and Quantities

Math 3 A - Module 14: Division Facts 0-5 - Divide by 1

Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3

Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5

Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review

Math 3 A - Module 15: Division Facts 6-10 - Divide by 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7

Math 3 A - Module 15: Division Facts 6-10 - Divide by 8

Math 3 A - Module 15: Division Facts 6-10 - Divide by 9

CORE CONTENT / CONTENT STANDARD	3.OA.3.	Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

Mathematics 3

Math 3 A - Module 01: Relate Multiplication to Addition - Problem Solving: Using Multiplication Strategies

Math 3 A - Module 01: Relate Multiplication to Addition - Skip Counting

Math 3 A - Module 02: Multiplication - Multiplication Expressions and Equations

Math 3 A - Module 02: Multiplication - Problem Solving: Applying Multiplication Strategies

Math 3 A - Module 12: Multiplication Facts Part 1 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 4 and 8

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 6

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 7

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 9

Math 3 A - Module 13: Multiplication Facts Part 2 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 14: Division Facts 0-5 - Divide by 1

Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3

Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5

Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review

Math 3 A - Module 14: Division Facts 0-5 - Problem Solving: Reasoning with Division Facts

Math 3 A - Module 15: Division Facts 6-10 - Divide by 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7

Math 3 A - Module 15: Division Facts 6-10 - Divide by 8

Math 3 A - Module 15: Division Facts 6-10 - Divide by 9

Math 3 B - Module 25: Measuring Mass - Problem Solving: Mass

Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity

Math 3 B - Module 34: Estimating - Dividing Larger Numbers

Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction

CORE CONTENT / CONTENT STANDARD	3.OA.4.	Determine the unknown whole number in a multiplication or division equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations 8 x ? = 48, 5 = _ / 3, 6 x 6 = ?
		No Correlations
EALR	**WA.3.OA.**	**Operations and Algebraic Thinking**
BIG IDEA / CORE CONTENT		**Understand properties of multiplication and the relationship between multiplication and division.**
CORE CONTENT / CONTENT STANDARD	3.OA.5.	Apply properties of operations as strategies to multiply and divide. Examples: If 6 x 4 = 24 is known, then 4 x 6 = 24 is also known. (Commutative property of multiplication.) 3 x 5 x 2 can be found by 3 x 5 = 15, then 15 x 2 = 30, or by 5 x 2 = 10, then 3 x 10 = 30. (Associative property of multiplication.) Knowing that 8 x 5 = 40 and 8 x 2 = 16, one can find 8 x 7 as 8 x (5 + 2) = (8 x 5) + (8 x 2) = 40 + 16 = 56. (Distributive property.)

Mathematics 3

Math 3 A - Module 08: Arithmetic Patterns - Addition Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Multiplication Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Properties of Operations

Math 3 A - Module 09: Properties of Multiplication - Missing Factors

Math 3 A - Module 09: Properties of Multiplication - The Associative Property of Multiplication

Math 3 A - Module 09: Properties of Multiplication - The Commutative Property of Multiplication

Math 3 A - Module 09: Properties of Multiplication - The Distributive Property of Multiplication

Math 3 B - Module 31: Relate Area - Find the Cost

Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area

CORE CONTENT / CONTENT STANDARD	3.OA.6.	Understand division as an unknown-factor problem. For example, find 32 / 8 by finding the number that makes 32 when multiplied by 8.
		Mathematics 3 Math 3 A - Module 03: Relate Division - Relate Multiplication and Division for Groups Math 3 A - Module 03: Relate Division - Use Arrays to Relate Multiplication and Division Math 3 A - Module 14: Division Facts 0-5 - Divide by 1 Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3 Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5 Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review Math 3 A - Module 15: Division Facts 6-10 - Divide by 10 Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10 Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7 Math 3 A - Module 15: Division Facts 6-10 - Divide by 8 Math 3 A - Module 15: Division Facts 6-10 - Divide by 9
EALR	**WA.3.OA.**	**Operations and Algebraic Thinking**
BIG IDEA / CORE CONTENT		**Multiply and divide within 100.**
CORE CONTENT / CONTENT STANDARD	3.OA.7.	Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that 8 x 5 = 40, one knows 40 / 5 = 8) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.
		Mathematics 3 Math 3 A - Module 01: Relate Multiplication to Addition - Equal Groups: Multiplication Math 3 A - Module 01: Relate Multiplication to Addition - Multiplication as Repeated Addition Math 3 A - Module 01: Relate Multiplication to Addition - Problem Solving: Using Multiplication Strategies

Math 3 A - Module 11: Solve Problems Involving Division - Solve Division Situations and Quantities

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 1 and 0

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 10 and 5

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 2

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 3

Math 3 A - Module 12: Multiplication Facts Part 1 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 4 and 8

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 6

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 7

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 9

Math 3 A - Module 13: Multiplication Facts Part 2 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 14: Division Facts 0-5 - Divide by 1

Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3

Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5

Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review

Math 3 A - Module 14: Division Facts 0-5 - Problem Solving: Reasoning with Division Facts

Math 3 A - Module 15: Division Facts 6-10 - Divide by 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7

Math 3 A - Module 15: Division Facts 6-10 - Divide by 8

Math 3 A - Module 15: Division Facts 6-10 - Divide by 9

Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity

Math 3 B - Module 30: Area of a Rectangle - Missing Side Lengths of a Rectangle

Math 3 B - Module 30: Area of a Rectangle - Multiply Side Lengths to Find the Area

Math 3 B - Module 34: Estimating - Dividing Larger Numbers

Math 3 B - Module 34: Estimating - Estimating Products

Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction

Math 3 B - Module 36: Multiples and Factors - Factors of 1 Through 25

Math 3 B - Module 36: Multiples and Factors - Factors of 26 Through 50

Math 3 B - Module 36: Multiples and Factors - Multiples of 1 Through 5

Math 3 B - Module 36: Multiples and Factors - Multiples of 6 Through 10

EALR	WA.3.OA.	Operations and Algebraic Thinking
BIG IDEA / CORE CONTENT		**Solve problems involving the four operations, and identify and explain patterns in arithmetic.**

CORE CONTENT / CONTENT STANDARD	3.OA.8.	Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

Mathematics 3

Math 3 A - Module 01: Relate Multiplication to Addition - Problem Solving: Using Multiplication Strategies

Math 3 A - Module 01: Relate Multiplication to Addition - Skip Counting

Math 3 A - Module 02: Multiplication - Multiplication Expressions and Equations

Math 3 A - Module 02: Multiplication - Problem Solving: Applying Multiplication Strategies

Math 3 A - Module 02: Multiplication - Use a Multiplication Chart to Multiply

Math 3 A - Module 02: Multiplication - Using Arrays to Multiply

Math 3 A - Module 07: Solve Two-Step Word Problems - Represent an Unknown with a Letter or Symbol

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Addition and Subtraction

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: All Four Operations

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Multiplication and Division

Math 3 A - Module 08: Arithmetic Patterns - Addition Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Even and Odd Numbers

Math 3 A - Module 08: Arithmetic Patterns - Multiplication Table Patterns

Math 3 A - Module 09: Properties of Multiplication - Missing Factors

Math 3 A - Module 09: Properties of Multiplication - Multiplication Input and Output Tables

Math 3 A - Module 09: Properties of Multiplication - The Associative Property of Multiplication

Math 3 A - Module 09: Properties of Multiplication - The Commutative Property of Multiplication

Math 3 A - Module 09: Properties of Multiplication - The Distributive Property of Multiplication

Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication Strategies Within 100

Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication: Missing Numbers

Math 3 A - Module 10: Solve Problems Involving Multiplication - Related Facts: Multiplication and Division

Math 3 A - Module 10: Solve Problems Involving Multiplication - Represent Word Problems Using Pictures and Equations

Math 3 A - Module 10: Solve Problems Involving Multiplication - Solve Multiplication Situations and Quantities

Math 3 A - Module 11: Solve Problems Involving Division - Division Strategies Within 100

Math 3 A - Module 11: Solve Problems Involving Division - Division: Missing Numbers

Math 3 A - Module 11: Solve Problems Involving Division - Related Facts: Multiplication and Division

Math 3 A - Module 11: Solve Problems Involving Division - Represent Division Word Problems Using Pictures and Equations

Math 3 A - Module 11: Solve Problems Involving Division - Solve Division Situations and Quantities

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 1 and 0

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 10 and 5

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 2

Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 3

Math 3 A - Module 12: Multiplication Facts Part 1 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 4 and 8

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 6

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 7

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 9

Math 3 A - Module 13: Multiplication Facts Part 2 - Problem Solving: Reasoning with Multiplication Facts

Math 3 A - Module 14: Division Facts 0-5 - Divide by 1

Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3

Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5

Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review

Math 3 A - Module 14: Division Facts 0-5 - Problem Solving: Reasoning with Division Facts

		Math 3 A - Module 15: Division Facts 6-10 - Divide by 10
		Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10
		Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7
		Math 3 A - Module 15: Division Facts 6-10 - Divide by 8
		Math 3 A - Module 15: Division Facts 6-10 - Divide by 9
		Math 3 B - Module 25: Measuring Mass - Problem Solving: Mass
		Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity
		Math 3 B - Module 34: Estimating - Dividing Larger Numbers
		Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction
CORE CONTENT / CONTENT STANDARD	3.OA.9.	Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations. For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends.
		No Correlations
EALR	**WA.3.NBT.**	**Number and Operations in Base Ten**
BIG IDEA / CORE CONTENT		**Use place value understanding and properties of operations to perform multi-digit arithmetic.**
CORE CONTENT / CONTENT STANDARD	3.NBT.1.	Use place value understanding to round whole numbers to the nearest 10 or 100.
		Mathematics 3
		Math 3 A - Module 05: Place Value: Whole Numbers - Round Whole Numbers
		Math 3 A - Module 07: Solve Two-Step Word Problems - Problem Solving: Reasonableness of Answers
		Math 3 B - Module 33: Place Value - Rounding Numbers Through One Million
		Math 3 B - Module 33: Place Value - Rounding Numbers Through Ten Thousands
		Math 3 B - Module 34: Estimating - Estimating Products

		Math 3 B - Module 34: Estimating - Estimating Sums
CORE CONTENT / CONTENT STANDARD	3.NBT.2.	Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.

Mathematics 3

Math 3 A - Module 05: Place Value: Whole Numbers - Add Whole Numbers

Math 3 A - Module 05: Place Value: Whole Numbers - Subtract Whole Numbers

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Add Without Carrying

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Add with Carrying to Regroup

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Problem Solving: Add and Subtract

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Subtract Without Regrouping

Math 3 A - Module 06: Problem Solve: Add and Subtract Within 1000 - Subtract with Borrowing to Regroup

Math 3 A - Module 07: Solve Two-Step Word Problems - Problem Solving: Reasonableness of Answers

Math 3 A - Module 07: Solve Two-Step Word Problems - Represent an Unknown with a Letter or Symbol

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: Addition and Subtraction

Math 3 A - Module 07: Solve Two-Step Word Problems - Two-Step Word Problems: All Four Operations

Math 3 A - Module 08: Arithmetic Patterns - Addition Table Patterns

Math 3 A - Module 08: Arithmetic Patterns - Decomposing and Adjusting Addends

Math 3 A - Module 08: Arithmetic Patterns - Even and Odd Numbers

		Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity
		Math 3 B - Module 34: Estimating - Estimating Sums
		Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction
CORE CONTENT / CONTENT STANDARD	3.NBT.3.	Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9 x 80, 5 x 60) using strategies based on place value and properties of operations.
		Mathematics 3
		Math 3 A - Module 05: Place Value: Whole Numbers - Multiply Whole Numbers
		Math 3 A - Module 08: Arithmetic Patterns - Multiplication Table Patterns
		Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication Strategies Within 100
		Math 3 A - Module 10: Solve Problems Involving Multiplication - Represent Word Problems Using Pictures and Equations
		Math 3 A - Module 10: Solve Problems Involving Multiplication - Solve Multiplication Situations and Quantities
		Math 3 A - Module 12: Multiplication Facts Part 1 - Multiply by 10 and 5
		Math 3 B - Module 34: Estimating - Estimating Products
		Math 3 B - Module 34: Estimating - Mental Math: Addition and Subtraction
EALR	**WA.3.NF.**	**Number and Operations--Fractions**
BIG IDEA / CORE CONTENT		**Develop understanding of fractions as numbers.**
CORE CONTENT / CONTENT STANDARD	3.NF.1.	Understand a fraction 1/b as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size 1/b.
		Mathematics 3
		Math 3 A - Module 16: Fractions - Fractions of a Group
		Math 3 A - Module 16: Fractions - Fractions of a Whole
		Math 3 A - Module 16: Fractions - Non-Unit Fractions

Math 3 A - Module 16: Fractions - Numerator and Denominator
Math 3 A - Module 16: Fractions - Unit Fractions

Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line
Math 3 A - Module 17: Fractions on a Number Line - Equal Parts
Math 3 B - Module 19: Compare Fractions - Denominators
Math 3 B - Module 19: Compare Fractions - Numerators
Math 3 B - Module 19: Compare Fractions - Same Whole
Math 3 B - Module 22: Use Fractions to Partition Shapes - A Fractioned Shape
Math 3 B - Module 22: Use Fractions to Partition Shapes - Equal Parts in Shapes
Math 3 B - Module 22: Use Fractions to Partition Shapes - Match Fractions
Math 3 B - Module 35: Fractions - Fractions of a Group
Math 3 B - Module 35: Fractions - Parts of a Set

EALR	WA.3.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		**Develop understanding of fractions as numbers.**
CORE CONTENT / CONTENT STANDARD	**3.NF.2.**	**Understand a fraction as a number on the number line; represent fractions on a number line diagram.**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.NF.2(a)	Represent a fraction 1/b on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts. Recognize that each part has size 1/b and that the endpoint of the part based at 0 locates the number 1/b on the number line. **Mathematics 3** Math 3 A - Module 05: Place Value: Whole Numbers - Round Whole Numbers Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line Math 3 A - Module 17: Fractions on a Number Line - Equal Parts Math 3 A - Module 17: Fractions on a Number Line - Fractions on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Problem Solve: Reasoning with Fractions

Math 3 A - Module 17: Fractions on a Number Line - Word Problems with Fractions

Math 3 A - Module 18: Working with Fractions - Draw Fractions

Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions

Math 3 B - Module 19: Compare Fractions - Compare Fractions

Math 3 B - Module 19: Compare Fractions - Using Symbols to Compare Fractions

CONTENT STANDARD / PERFORMANCE EXPECTATION	3.NF.2(b)	Represent a fraction a/b on a number line diagram by marking off a lengths 1/b from 0. Recognize that the resulting interval has size a/b and that its endpoint locates the number a/b on the number line.

Mathematics 3

Math 3 A - Module 05: Place Value: Whole Numbers - Round Whole Numbers

Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Equal Parts

Math 3 A - Module 17: Fractions on a Number Line - Fractions on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Problem Solve: Reasoning with Fractions

Math 3 A - Module 17: Fractions on a Number Line - Word Problems with Fractions

Math 3 A - Module 18: Working with Fractions - Draw Fractions

Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions

Math 3 B - Module 19: Compare Fractions - Compare Fractions

Math 3 B - Module 19: Compare Fractions - Using Symbols to Compare Fractions

EALR	WA.3.NF.	**Number and Operations--Fractions**

BIG IDEA / CORE CONTENT		Develop understanding of fractions as numbers.
CORE CONTENT / CONTENT STANDARD	**3.NF.3.**	**Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.NF.3(a)	Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line. **Mathematics 3** Math 3 A - Module 18: Working with Fractions - Draw Fractions Math 3 A - Module 18: Working with Fractions - Equivalent Fractions Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions Math 3 A - Module 18: Working with Fractions - Fraction Pie Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions Math 3 B - Module 35: Fractions - Equivalent Fractions
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.NF.3(b)	Recognize and generate simple equivalent fractions, e.g., 1/2 = 2/4, 4/6 = 2/3). Explain why the fractions are equivalent, e.g., by using a visual fraction model. **Mathematics 3** Math 3 A - Module 18: Working with Fractions - Draw Fractions Math 3 A - Module 18: Working with Fractions - Equivalent Fractions Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions Math 3 A - Module 18: Working with Fractions - Fraction Pie Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions Math 3 B - Module 35: Fractions - Equivalent Fractions
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.NF.3(c)	Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers. Examples: Express 3 in the form 3 = 3/1; recognize that 6/1 = 6; locate 4/4 and 1 at the same point of a number line diagram.

Mathematics 3

Math 3 A - Module 16: Fractions - Fractions of a Group

Math 3 A - Module 16: Fractions - Fractions of a Whole

Math 3 A - Module 16: Fractions - Non-Unit Fractions

Math 3 A - Module 16: Fractions - Numerator and Denominator

Math 3 A - Module 16: Fractions - Unit Fractions

Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Equal Parts

Math 3 B - Module 19: Compare Fractions - Denominators

Math 3 B - Module 19: Compare Fractions - Numerators

Math 3 B - Module 19: Compare Fractions - Same Whole

Math 3 B - Module 22: Use Fractions to Partition Shapes - A Fractioned Shape

Math 3 B - Module 22: Use Fractions to Partition Shapes - Equal Parts in Shapes

Math 3 B - Module 22: Use Fractions to Partition Shapes - Match Fractions

Math 3 B - Module 35: Fractions - Fractions of a Group

Math 3 B - Module 35: Fractions - Parts of a Set

| CONTENT STANDARD / PERFORMANCE EXPECTATION | 3.NF.3(d) | Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols >, =, or <, and justify the conclusions, e.g., by using a visual fraction model. |

Mathematics 3

Math 3 B - Module 19: Compare Fractions - Compare Fractions

Math 3 B - Module 19: Compare Fractions - Using Symbols to Compare Fractions

Math 3 B - Module 35: Fractions - Compare Fractions

EALR	WA.3.MD.	Measurement and Data
BIG IDEA / CORE CONTENT		**Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.**
CORE CONTENT / CONTENT STANDARD	3.MD.1.	Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.
		Mathematics 3
		Math 3 B - Module 23: Measuring Time - Add and Subtract Time
		Math 3 B - Module 23: Measuring Time - Compare Time
		Math 3 B - Module 23: Measuring Time - Estimate Time
		Math 3 B - Module 23: Measuring Time - Explore Time
		Math 3 B - Module 23: Measuring Time - Problem Solving: Word Problems Related to Time
CORE CONTENT / CONTENT STANDARD	3.MD.2.	Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.
		Mathematics 3
		Math 3 B - Module 23: Measuring Time - Add and Subtract Time
		Math 3 B - Module 23: Measuring Time - Compare Time
		Math 3 B - Module 23: Measuring Time - Explore Time
		Math 3 B - Module 23: Measuring Time - Problem Solving: Word Problems Related to Time
		Math 3 B - Module 24: Measuring Length - Add and Subtract Length
		Math 3 B - Module 24: Measuring Length - Measure Whole Numbers

Math 3 B - Module 24: Measuring Length - Measure to the Nearest Half of an Inch

Math 3 B - Module 24: Measuring Length - Measure to the Nearest Quarter of an Inch

Math 3 B - Module 24: Measuring Length - Problem Solving: Length

Math 3 B - Module 25: Measuring Mass - Estimate Mass

Math 3 B - Module 25: Measuring Mass - Grams and Kilograms

Math 3 B - Module 25: Measuring Mass - Measure Mass

Math 3 B - Module 25: Measuring Mass - Problem Solving: Mass

Math 3 B - Module 25: Measuring Mass - Units of Measure: Mass

Math 3 B - Module 26: Measuring Capacity - Estimate Capacity

Math 3 B - Module 26: Measuring Capacity - Liters vs Milliliters

Math 3 B - Module 26: Measuring Capacity - Measure Capacity

Math 3 B - Module 26: Measuring Capacity - Problem Solving: Capacity

EALR	WA.3.MD.	Measurement and Data
BIG IDEA / CORE CONTENT		**Represent and interpret data.**
CORE CONTENT / CONTENT STANDARD	3.MD.3.	Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step ''how many more'' and ''how many less'' problems using information presented in scaled bar graphs. For example, draw a bar graph in which each square in the bar graph might represent 5 pets.

Mathematics 3

Math 3 B - Module 27: Measuring Data - Draw Scaled Bar Graphs

Math 3 B - Module 27: Measuring Data - Draw Scaled Picture Graphs

Math 3 B - Module 27: Measuring Data - Problem Solve: How Many More or How Many Less

Math 3 B - Module 27: Measuring Data - Relate Picture Graphs to Bar Graphs

CORE CONTENT / CONTENT STANDARD	3.MD.4.	Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Show the data by making a line plot, where the horizontal scale is marked off in appropriate units-- whole numbers, halves, or quarters.
		Mathematics 3
		Math 3 B - Module 24: Measuring Length - Measure Whole Numbers
		Math 3 B - Module 24: Measuring Length - Measure to the Nearest Half of an Inch
		Math 3 B - Module 24: Measuring Length - Measure to the Nearest Quarter of an Inch
EALR	**WA.3.MD.**	**Measurement and Data**
BIG IDEA / CORE CONTENT		**Geometric measurement: understand concepts of area and relate area to multiplication and to addition.**
CORE CONTENT / CONTENT STANDARD	**3.MD.5.**	**Recognize area as an attribute of plane figures and understand concepts of area measurement.**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.5(a)	A square with side length 1 unit, called ''a unit square,'' is said to have ''one square unit'' of area, and can be used to measure area.
		Mathematics 3
		Math 3 B - Module 29: Area - Unit Squares
		Math 3 B - Module 29: Area - What is Area
		Math 3 B - Module 30: Area of a Rectangle - Tile It
		Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.5(b)	A plane figure which can be covered without gaps or overlaps by n unit squares is said to have an area of n square units.
		Mathematics 3
		Math 3 B - Module 29: Area - Unit Squares
		Math 3 B - Module 29: Area - What is Area
		Math 3 B - Module 30: Area of a Rectangle - Tile It
		Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area
EALR	**WA.3.MD.**	**Measurement and Data**
BIG IDEA / CORE CONTENT		**Geometric measurement: understand concepts of area and relate area to multiplication and to addition.**

CORE CONTENT / CONTENT STANDARD	3.MD.6.	Measure areas by counting unit squares (square cm, square m, square in, square ft, and improvised units).
		Mathematics 3 Math 3 B - Module 29: Area - Find the Area Math 3 B - Module 29: Area - Measure Area Math 3 B - Module 29: Area - Problem Solve: Word Problems Finding Area Math 3 B - Module 29: Area - Unit Squares Math 3 B - Module 30: Area of a Rectangle - Missing Side Lengths of a Rectangle Math 3 B - Module 30: Area of a Rectangle - Multiply Side Lengths to Find the Area Math 3 B - Module 30: Area of a Rectangle - Problem Solve: Real-World Problems Finding the Area Math 3 B - Module 30: Area of a Rectangle - Rectangular Arrays Math 3 B - Module 30: Area of a Rectangle - Tile It Math 3 B - Module 31: Relate Area - Add the Area Math 3 B - Module 31: Relate Area - Find the Cost Math 3 B - Module 31: Relate Area - Problem Solving: Reasoning to Find the Area Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area Math 3 B - Module 32: Perimeter - Different Perimeters and Areas
EALR	**WA.3.MD.**	**Measurement and Data**
BIG IDEA / CORE CONTENT		**Geometric measurement: understand concepts of area and relate area to multiplication and to addition.**
CORE CONTENT / CONTENT STANDARD	**3.MD.7.**	**Relate area to the operations of multiplication and addition.**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.7(a)	Find the area of a rectangle with whole-number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths. **Mathematics 3** Math 3 B - Module 30: Area of a Rectangle - Missing Side Lengths of a Rectangle Math 3 B - Module 30: Area of a Rectangle - Multiply Side Lengths to Find the Area

		Math 3 B - Module 30: Area of a Rectangle - Problem Solve: Real-World Problems Finding the Area
		Math 3 B - Module 30: Area of a Rectangle - Rectangular Arrays
		Math 3 B - Module 31: Relate Area - Add the Area
		Math 3 B - Module 31: Relate Area - Find the Cost
		Math 3 B - Module 31: Relate Area - Problem Solving: Reasoning to Find the Area
		Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area
		Math 3 B - Module 32: Perimeter - Different Perimeters and Areas
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.7(b)	Multiply side lengths to find areas of rectangles with whole-number side lengths in the context of solving real world and mathematical problems, and represent whole-number products as rectangular areas in mathematical reasoning.

Mathematics 3
Math 3 A - Module 02: Multiplication - Problem Solving: Applying Multiplication Strategies

Math 3 A - Module 02: Multiplication - Using Arrays to Multiply
Math 3 A - Module 03: Relate Division - Applying Division Strategies
Math 3 A - Module 03: Relate Division - Use Arrays to Relate Multiplication and Division
Math 3 A - Module 04: Division - Problem Solve: Reasoning with Division Facts
Math 3 A - Module 04: Division - Use Arrays to Divide
Math 3 A - Module 09: Properties of Multiplication - The Associative Property of Multiplication
Math 3 A - Module 09: Properties of Multiplication - The Commutative Property of Multiplication
Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication Strategies Within 100

Math 3 A - Module 10: Solve Problems Involving Multiplication - Multiplication: Missing Numbers

Math 3 A - Module 10: Solve Problems Involving Multiplication - Solve Multiplication Situations and Quantities

Math 3 A - Module 11: Solve Problems Involving Division - Division Strategies Within 100

Math 3 A - Module 11: Solve Problems Involving Division - Division: Missing Numbers

Math 3 A - Module 11: Solve Problems Involving Division - Solve Division Situations and Quantities

Math 3 A - Module 13: Multiplication Facts Part 2 - Multiply by 6

Math 3 A - Module 14: Division Facts 0-5 - Divide by 1

Math 3 A - Module 14: Division Facts 0-5 - Divide by 2 and 3

Math 3 A - Module 14: Division Facts 0-5 - Divide by 4 and 5

Math 3 A - Module 14: Division Facts 0-5 - Division Facts 1 Through 5 Review

Math 3 A - Module 15: Division Facts 6-10 - Divide by 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 Through 10

Math 3 A - Module 15: Division Facts 6-10 - Divide by 6 and 7

Math 3 A - Module 15: Division Facts 6-10 - Divide by 8

Math 3 A - Module 15: Division Facts 6-10 - Divide by 9

Math 3 B - Module 21: Sort and Classify Shapes - Line of Symmetry

Math 3 B - Module 29: Area - Find the Area

Math 3 B - Module 30: Area of a Rectangle - Missing Side Lengths of a Rectangle

Math 3 B - Module 30: Area of a Rectangle - Multiply Side Lengths to Find the Area

Math 3 B - Module 30: Area of a Rectangle - Problem Solve: Real-World Problems Finding the Area

Math 3 B - Module 30: Area of a Rectangle - Rectangular Arrays

		Math 3 B - Module 31: Relate Area - Add the Area
		Math 3 B - Module 31: Relate Area - Break Apart Rectilinear Figures
		Math 3 B - Module 31: Relate Area - Find the Cost
		Math 3 B - Module 31: Relate Area - Problem Solving: Reasoning to Find the Area
		Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area
		Math 3 B - Module 32: Perimeter - Different Perimeters and Areas
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.7(c)	Use tiling to show in a concrete case that the area of a rectangle with whole-number side lengths a and b + c is the sum of a x b and a x c. Use area models to represent the distributive property in mathematical reasoning.
		Mathematics 3 Math 3 A - Module 08: Arithmetic Patterns - Properties of Operations Math 3 A - Module 09: Properties of Multiplication - The Distributive Property of Multiplication Math 3 B - Module 31: Relate Area - Find the Cost Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area
CONTENT STANDARD / PERFORMANCE EXPECTATION	3.MD.7(d)	Recognize area as additive. Find areas of rectilinear figures by decomposing them into non-overlapping rectangles and adding the areas of the non-overlapping parts, applying this technique to solve real world problems.
		Mathematics 3 Math 3 B - Module 31: Relate Area - Add the Area Math 3 B - Module 31: Relate Area - Break Apart Rectilinear Figures Math 3 B - Module 31: Relate Area - Problem Solving: Reasoning to Find the Area Math 3 B - Module 31: Relate Area - Using the Distributive Property to Find Area Math 3 B - Module 32: Perimeter - Different Perimeters and Areas
EALR	**WA.3.MD.**	**Measurement and Data**

BIG IDEA / CORE CONTENT		Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.
CORE CONTENT / CONTENT STANDARD	3.MD.8.	Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.

Mathematics 3

Math 3 B - Module 32: Perimeter - Different Perimeters and Areas

Math 3 B - Module 32: Perimeter - Find the Perimeter

Math 3 B - Module 32: Perimeter - Problem Solve: Real-World Problems Finding the Perimeter

Math 3 B - Module 32: Perimeter - What is Perimeter

EALR	WA.3.G.	Geometry
BIG IDEA / CORE CONTENT		Reason with shapes and their attributes.
CORE CONTENT / CONTENT STANDARD	3.G.1.	Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.

Mathematics 3

Math 3 B - Module 20: Shapes - Describe Shapes

Math 3 B - Module 20: Shapes - Quadrilaterals

Math 3 B - Module 21: Sort and Classify Shapes - Classify Shapes

Math 3 B - Module 21: Sort and Classify Shapes - Draw Shapes

Math 3 B - Module 21: Sort and Classify Shapes - Guess the Shape

| CORE CONTENT / CONTENT STANDARD | 3.G.2. | Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole. For example, partition a shape into 4 parts with equal area, and describe the area of each part as 1/4 of the area of the shape. |

Mathematics 3

Math 3 A - Module 16: Fractions - Fractions of a Group

Math 3 A - Module 16: Fractions - Fractions of a Whole

Math 3 A - Module 16: Fractions - Non-Unit Fractions

Math 3 A - Module 16: Fractions - Numerator and Denominator

Math 3 A - Module 16: Fractions - Unit Fractions

Math 3 A - Module 17: Fractions on a Number Line - 0 to 1 on a Number Line

Math 3 A - Module 17: Fractions on a Number Line - Equal Parts

Math 3 A - Module 17: Fractions on a Number Line - Fractions on a Number Line

Math 3 A - Module 18: Working with Fractions - Draw Fractions

Math 3 A - Module 18: Working with Fractions - Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Find Equivalent Fractions

Math 3 A - Module 18: Working with Fractions - Fraction Pie

Math 3 A - Module 18: Working with Fractions - Problem Solving with Fractions

Math 3 B - Module 19: Compare Fractions - Compare Fractions

Math 3 B - Module 19: Compare Fractions - Denominators

Math 3 B - Module 19: Compare Fractions - Numerators

Math 3 B - Module 19: Compare Fractions - Same Whole

Math 3 B - Module 19: Compare Fractions - Using Symbols to Compare Fractions

Math 3 B - Module 22: Use Fractions to Partition Shapes - A Fractioned Shape

Math 3 B - Module 22: Use Fractions to Partition Shapes - Equal Parts in Shapes

Math 3 B - Module 22: Use Fractions to Partition Shapes - Match Fractions

Math 3 B - Module 22: Use Fractions to Partition Shapes - Partition Shapes

Math 3 B - Module 22: Use Fractions to Partition Shapes - Solve Real-World Problems with Partitioned Shapes

Math 3 B - Module 35: Fractions - Compare Fractions

Math 3 B - Module 35: Fractions - Equal Parts of a Whole

Math 3 B - Module 35: Fractions - Fractions of a Group

Math 3 B - Module 35: Fractions - Parts of a Set