

**Main Criteria:** Washington State K-12 Learning Standards and Guidelines

**Secondary Criteria:** Mathematics 5

**Subject:** Mathematics

**Grade:** 5

**Correlation Options:** Show All

**Washington State K-12 Learning Standards and Guidelines**

**Mathematics**

Grade: 5 - Adopted: 2011

EALR	WA.MP.	Mathematical Practices
BIG IDEA / CORE CONTENT	MP.1.	<p>Make sense of problems and persevere in solving them.</p> <p><b>Mathematics 5</b></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p> <p>Math 5A-Module 01: Ordered Pairs</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 01: Patterns and Graphs</p> <p>Math 5A-Module 01: Patterns and Sequences</p> <p>Math 5A-Module 01: Relationships Between Sequences</p> <p>Math 5A-Module 01: Translating Math To Words</p> <p>Math 5A-Module 01: Translating Mathematical Expressions</p> <p>Math 5A-Module 01: Translating Words to Math</p> <p>Math 5A-Module 02: Dividing Whole Numbers by Powers of 10</p> <p>Math 5A-Module 02: Exponents</p> <p>Math 5A-Module 02: Multiplying Decimals with Powers of 10</p> <p>Math 5A-Module 02: Place Value Relationships</p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 02: Place Value in Whole Numbers</p> <p>Math 5A-Module 02: Powers of 10</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 03: Decimal Place Value</p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p> <p>Math 5A-Module 03: Expanded Form</p> <p>Math 5A-Module 03: Multiplication Using Compatible Numbers</p> <p>Math 5A-Module 03: Rounding Decimals</p> <p>Math 5A-Module 03: Rounding Whole Numbers</p> <p>Math 5A-Module 04: More on Parital Quotients</p>

**Math 5A-Module 04: Multi-Digit Number Multiplication**  
**Math 5A-Module 04: One-Digit Number Division**  
**Math 5A-Module 04: One-Digit Number Multiplication**

**Math 5A-Module 04: Partial Quotients**  
**Math 5A-Module 04: Partial Quotients vs. Long Division**  
**Math 5A-Module 04: Partial Quotients with Remainders**  
**Math 5A-Module 04: Two-Digit Number Division**  
**Math 5A-Module 04: Word Problem Multiplication**  
**Math 5A-Module 05: Adding and Subtracting Money**

**Math 5A-Module 05: Converting Money to Fractions**

**Math 5A-Module 05: Decimal Addition**  
**Math 5A-Module 05: Decimal Subtraction**  
**Math 5A-Module 05: Decimal Subtraction: Thousandths Place**  
**Math 5A-Module 05: Decimals: Money**  
**Math 5A-Module 05: Dividing Hundredths-Place Decimals**  
**Math 5A-Module 05: Dividing Thousandths-Place Decimals**  
**Math 5A-Module 05: Money Word Problems**  
**Math 5A-Module 05: Multiplying Hundredths-Place Decimals**  
**Math 5A-Module 05: Multiplying Thousandths-Place Decimals**  
**Math 5A-Module 06: Adding Mixed Numbers**  
**Math 5A-Module 06: Adding and Subtracting Fractions**  
**Math 5A-Module 06: Common Denominators**  
**Math 5A-Module 06: Decimals as Remainders**  
**Math 5A-Module 06: Dividing Decimals by Powers of 10**  
**Math 5A-Module 06: Equivalent Fractions**  
**Math 5A-Module 06: Greatest Common Factors (GCFs)**  
**Math 5A-Module 06: Lowest Common Denominator (LCDs)**  
**Math 5A-Module 06: Small Dividend Division**  
**Math 5A-Module 06: Subtracting Mixed Numbers**

**Math 5B-Module 07: Comparing Fractions on a Number Line**  
**Math 5B-Module 07: Estimating Sums and Differences**  
**Math 5B-Module 07: Fraction Models**  
**Math 5B-Module 07: Fraction Multiplication Word Problems**  
**Math 5B-Module 07: Fraction Word Problems**  
**Math 5B-Module 07: Fractions as Division**  
**Math 5B-Module 07: Fractions on the Number Line**

**Math 5B-Module 07: Introduction to Fraction Multiplication**  
**Math 5B-Module 07: Multiplying Fractions with Fractions**  
**Math 5B-Module 07: Ratios**  
**Math 5B-Module 08: Area by Multiplication**  
**Math 5B-Module 08: Area of Squares and Rectangles**

**Math 5B-Module 08: Comparing Products**  
**Math 5B-Module 08: Creating and Solving Word Problems**  
**Math 5B-Module 08: Identity Property of Multiplication**  
**Math 5B-Module 08: Inequalities**  
**Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One**  
**Math 5B-Module 08: Multiplying Improper Fractions**

**Math 5B-Module 08: Perimeter**  
**Math 5B-Module 08: The Commutative Property**  
**Math 5B-Module 09: Dividing and Multiplying with Unit Fractions**  
**Math 5B-Module 09: Dividing by Unit Fractions**  
**Math 5B-Module 09: Dividing by Whole Numbers**  
**Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators**  
**Math 5B-Module 09: Explanation of Word Problems**

**Math 5B-Module 09: Fraction Multiplication Review**

**Math 5B-Module 09: Fraction Multiplication and Word Problems**  
**Math 5B-Module 09: Reciprocals**  
**Math 5B-Module 09: Unit Fractions**  
**Math 5B-Module 09: Visual Division with Unit Fractions**  
**Math 5B-Module 10: Area vs. Volume**  
**Math 5B-Module 10: Length Conversions**  
**Math 5B-Module 10: Line Plot Problems**  
**Math 5B-Module 10: Line Plots**  
**Math 5B-Module 10: Measuring Length**  
**Math 5B-Module 10: Metric Conversions**  
**Math 5B-Module 10: Reading a Scale**  
**Math 5B-Module 10: Volume**  
**Math 5B-Module 10: Volume Conversions**  
**Math 5B-Module 10: Weight Conversions**  
**Math 5B-Module 11: Composite Figures**  
**Math 5B-Module 11: Locating Coordinate Points**  
**Math 5B-Module 11: Plotting Ordered Pairs**  
**Math 5B-Module 11: Real-World Volume Applications**  
**Math 5B-Module 11: Rectangular Prism Volume**

	<p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: The Coordinate Plane</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Classifying Quadrilaterals</p> <p>Math 5B-Module 12: Common Quadrilateral Attributes</p> <p>Math 5B-Module 12: Graphing on the Coordinate Plane</p> <p>Math 5B-Module 12: Hierarchy of Quadrilaterals</p> <p>Math 5B-Module 12: Identify Points on a Coordinate Plane</p> <p>Math 5B-Module 12: Lines of Symmetry</p> <p>Math 5B-Module 12: Polygons</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p> <p>Math 5B-Module 12: Regular and Irregular Polygons</p> <p>Math 5B-Module 12: Symmetry</p>
BIG IDEA / CORE CONTENT	<p>MP.2. Reason abstractly and quantitatively.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p> <p>Math 5A-Module 01: Ordered Pairs</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 01: Patterns and Sequences</p> <p>Math 5A-Module 01: Relationships Between Sequences</p> <p>Math 5A-Module 01: Translating Math To Words</p> <p>Math 5A-Module 01: Translating Mathematical Expressions</p> <p>Math 5A-Module 01: Translating Words to Math</p> <p>Math 5A-Module 02: Exponents</p> <p>Math 5A-Module 02: Place Value Relationships</p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 02: Place Value in Whole Numbers</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 03: Decimal Place Value</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p> <p>Math 5A-Module 03: Expanded Form</p> <p>Math 5A-Module 03: Rounding Decimals</p> <p>Math 5A-Module 03: Rounding Whole Numbers</p> <p>Math 5A-Module 04: Multi-Digit Number Multiplication</p> <p>Math 5A-Module 04: One-Digit Number Division</p>

**Math 5A-Module 04: One-Digit Number Multiplication**

**Math 5A-Module 04: Two-Digit Number Division**

**Math 5A-Module 04: Word Problem Multiplication**

**Math 5A-Module 05: Adding and Subtracting Money**

**Math 5A-Module 05: Converting Money to Fractions**

**Math 5A-Module 05: Decimal Addition**

**Math 5A-Module 05: Decimal Subtraction**

**Math 5A-Module 05: Decimal Subtraction:  
Thousandths Place**

**Math 5A-Module 05: Decimals: Money**

**Math 5A-Module 05: Dividing Hundredths-Place  
Decimals**

**Math 5A-Module 05: Dividing Thousandths-Place  
Decimals**

**Math 5A-Module 05: Money Word Problems**

**Math 5A-Module 05: Multiplying Hundredths-Place  
Decimals**

**Math 5A-Module 05: Multiplying Thousandths-Place  
Decimals**

**Math 5A-Module 06: Common Denominators**

**Math 5A-Module 06: Decimals as Remainders**

**Math 5A-Module 06: Dividing Decimals by Powers of  
10**

**Math 5A-Module 06: Equivalent Fractions**

**Math 5A-Module 06: Greatest Common Factors  
(GCFs)**

**Math 5A-Module 06: Lowest Common Denominator  
(LCDs)**

**Math 5A-Module 06: Small Dividend Division**

**Math 5A-Module 06: Subtracting Mixed Numbers**

**Math 5B-Module 07: Comparing Fractions on a  
Number Line**

**Math 5B-Module 07: Estimating Sums and  
Differences**

**Math 5B-Module 07: Fraction Models**

**Math 5B-Module 07: Fraction Word Problems**

**Math 5B-Module 07: Fractions as Division**

**Math 5B-Module 07: Fractions on the Number Line**

**Math 5B-Module 07: Ratios**

**Math 5B-Module 08: Area by Multiplication**

**Math 5B-Module 08: Comparing Products**

**Math 5B-Module 08: Inequalities**

**Math 5B-Module 08: Multiplying Improper Fractions**

**Math 5B-Module 08: Perimeter**

**Math 5B-Module 08: The Commutative Property**

**Math 5B-Module 09: Dividing and Multiplying with  
Unit Fractions**

**Math 5B-Module 09: Dividing by Unit Fractions**

**Math 5B-Module 09: Dividing by Whole Numbers**

		<p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p> <p>Math 5B-Module 09: Reciprocals</p> <p>Math 5B-Module 09: Unit Fractions</p> <p>Math 5B-Module 09: Visual Division with Unit Fractions</p> <p>Math 5B-Module 10: Area vs. Volume</p> <p>Math 5B-Module 10: Length Conversions</p> <p>Math 5B-Module 10: Line Plot Problems</p> <p>Math 5B-Module 10: Line Plots</p> <p>Math 5B-Module 10: Measuring Length</p> <p>Math 5B-Module 10: Metric Conversions</p> <p>Math 5B-Module 10: Reading a Scale</p> <p>Math 5B-Module 10: Volume</p> <p>Math 5B-Module 10: Volume Conversions</p> <p>Math 5B-Module 10: Weight Conversions</p> <p>Math 5B-Module 11: Composite Figures</p> <p>Math 5B-Module 11: Locating Coordinate Points</p> <p>Math 5B-Module 11: Plotting Ordered Pairs</p> <p>Math 5B-Module 11: Real-World Volume Applications</p> <p>Math 5B-Module 11: Rectangular Prism Volume</p> <p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: The Coordinate Plane</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Classifying Quadrilaterals</p> <p>Math 5B-Module 12: Common Quadrilateral Attributes</p> <p>Math 5B-Module 12: Graphing on the Coordinate Plane</p> <p>Math 5B-Module 12: Hierarchy of Quadrilaterals</p> <p>Math 5B-Module 12: Identify Points on a Coordinate Plane</p> <p>Math 5B-Module 12: Lines of Symmetry</p> <p>Math 5B-Module 12: Polygons</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p> <p>Math 5B-Module 12: Regular and Irregular Polygons</p> <p>Math 5B-Module 12: Symmetry</p>
BIG IDEA / CORE CONTENT	MP.3.	<p>Construct viable arguments and critique the reasoning of others.</p> <p><b>No Correlations</b></p>

BIG IDEA / CORE CONTENT	MP.4.	<p>Model with mathematics.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p> <p>Math 5A-Module 01: Ordered Pairs</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 01: Patterns and Graphs</p> <p>Math 5A-Module 01: Patterns and Sequences</p> <p>Math 5A-Module 01: Relationships Between Sequences</p> <p>Math 5A-Module 01: Translating Math To Words</p> <p>Math 5A-Module 01: Translating Mathematical Expressions</p> <p>Math 5A-Module 01: Translating Words to Math</p> <p>Math 5A-Module 02: Dividing Whole Numbers by Powers of 10</p> <p>Math 5A-Module 02: Exponents</p> <p>Math 5A-Module 02: Multiplying Decimals with Powers of 10</p> <p>Math 5A-Module 02: Place Value Relationships</p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 02: Place Value in Whole Numbers</p> <p>Math 5A-Module 02: Powers of 10</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 03: Decimal Place Value</p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p> <p>Math 5A-Module 03: Expanded Form</p> <p>Math 5A-Module 03: Multiplication Using Compatible Numbers</p> <p>Math 5A-Module 03: Rounding Decimals</p> <p>Math 5A-Module 03: Rounding Whole Numbers</p> <p>Math 5A-Module 04: More on Parital Quotients</p> <p>Math 5A-Module 04: Multi-Digit Number Multiplication</p> <p>Math 5A-Module 04: One-Digit Number Division</p> <p>Math 5A-Module 04: One-Digit Number Multiplication</p> <p>Math 5A-Module 04: Partial Quotients</p> <p>Math 5A-Module 04: Partial Quotients vs. Long Division</p> <p>Math 5A-Module 04: Partial Quotients with Remainders</p> <p>Math 5A-Module 04: Two-Digit Number Division</p> <p>Math 5A-Module 04: Word Problem Multiplication</p> <p>Math 5A-Module 05: Adding and Subtracting Money</p>
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**Math 5A-Module 05: Converting Money to Fractions**

**Math 5A-Module 05: Decimal Addition**

**Math 5A-Module 05: Decimal Subtraction**

**Math 5A-Module 05: Decimal Subtraction:  
Thousandths Place**

**Math 5A-Module 05: Decimals: Money**

**Math 5A-Module 05: Dividing Hundredths-Place  
Decimals**

**Math 5A-Module 05: Dividing Thousandths-Place  
Decimals**

**Math 5A-Module 05: Money Word Problems**

**Math 5A-Module 05: Multiplying Hundredths-Place  
Decimals**

**Math 5A-Module 05: Multiplying Thousandths-Place  
Decimals**

**Math 5A-Module 06: Adding Mixed Numbers**

**Math 5A-Module 06: Adding and Subtracting  
Fractions**

**Math 5A-Module 06: Common Denominators**

**Math 5A-Module 06: Decimals as Remainders**

**Math 5A-Module 06: Dividing Decimals by Powers of  
10**

**Math 5A-Module 06: Equivalent Fractions**

**Math 5A-Module 06: Greatest Common Factors  
(GCFs)**

**Math 5A-Module 06: Lowest Common Denominator  
(LCDs)**

**Math 5A-Module 06: Small Dividend Division**

**Math 5A-Module 06: Subtracting Mixed Numbers**

**Math 5B-Module 07: Comparing Fractions on a  
Number Line**

**Math 5B-Module 07: Estimating Sums and  
Differences**

**Math 5B-Module 07: Fraction Models**

**Math 5B-Module 07: Fraction Multiplication Word  
Problems**

**Math 5B-Module 07: Fraction Word Problems**

**Math 5B-Module 07: Fractions as Division**

**Math 5B-Module 07: Fractions on the Number Line**

**Math 5B-Module 07: Introduction to Fraction  
Multiplication**

**Math 5B-Module 07: Multiplying Fractions with  
Fractions**

**Math 5B-Module 07: Ratios**

**Math 5B-Module 08: Area by Multiplication**

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Problems**

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One and Greater Than One**



**Math 5B-Module 08: Multiplying Improper Fractions**

**Math 5B-Module 08: Perimeter**

**Math 5B-Module 08: The Commutative Property**

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**Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators**

**Math 5B-Module 09: Explanation of Word Problems**

**Math 5B-Module 09: Fraction Multiplication Review**

**Math 5B-Module 09: Fraction Multiplication and Word Problems**

**Math 5B-Module 09: Reciprocals**

**Math 5B-Module 09: Unit Fractions**

**Math 5B-Module 09: Visual Division with Unit Fractions**

**Math 5B-Module 10: Area vs. Volume**

**Math 5B-Module 10: Length Conversions**

**Math 5B-Module 10: Line Plot Problems**

**Math 5B-Module 10: Line Plots**

**Math 5B-Module 10: Measuring Length**

**Math 5B-Module 10: Metric Conversions**

**Math 5B-Module 10: Reading a Scale**

**Math 5B-Module 10: Volume**

**Math 5B-Module 10: Volume Conversions**

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**Math 5B-Module 11: Composite Figures**

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**Math 5B-Module 12: Classifying Quadrilaterals**

**Math 5B-Module 12: Common Quadrilateral Attributes**

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**Math 5B-Module 12: Hierarchy of Quadrilaterals**

**Math 5B-Module 12: Identify Points on a Coordinate Plane**

**Math 5B-Module 12: Lines of Symmetry**

		<p>Math 5B-Module 12: Polygons</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p> <p>Math 5B-Module 12: Regular and Irregular Polygons</p> <p>Math 5B-Module 12: Symmetry</p>
BIG IDEA / CORE CONTENT	MP.5.	<p>Use appropriate tools strategically.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 07: Comparing Fractions on a Number Line</p> <p>Math 5B-Module 07: Fractions on the Number Line</p> <p>Math 5B-Module 10: Area vs. Volume</p> <p>Math 5B-Module 10: Length Conversions</p> <p>Math 5B-Module 10: Measuring Length</p> <p>Math 5B-Module 10: Reading a Scale</p>
BIG IDEA / CORE CONTENT	MP.6.	<p>Attend to precision.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 04: More on Parital Quotients</p> <p>Math 5A-Module 04: Multi-Digit Number Multiplication</p> <p>Math 5A-Module 04: One-Digit Number Division</p> <p>Math 5A-Module 04: One-Digit Number Multiplication</p> <p>Math 5A-Module 04: Partial Quotients</p> <p>Math 5A-Module 04: Partial Quotients vs. Long Division</p> <p>Math 5A-Module 04: Partial Quotients with Remainders</p> <p>Math 5A-Module 04: Two-Digit Number Division</p> <p>Math 5A-Module 04: Word Problem Multiplication</p> <p>Math 5A-Module 05: Adding and Subtracting Money</p> <p>Math 5A-Module 05: Dividing Hundredths-Place Decimals</p> <p>Math 5A-Module 05: Dividing Thousandths-Place Decimals</p> <p>Math 5A-Module 05: Money Word Problems</p> <p>Math 5A-Module 05: Multiplying Hundredths-Place Decimals</p> <p>Math 5A-Module 05: Multiplying Thousandths-Place Decimals</p> <p>Math 5A-Module 06: Adding Mixed Numbers</p> <p>Math 5A-Module 06: Adding and Subtracting Fractions</p> <p>Math 5A-Module 06: Decimals as Remainders</p> <p>Math 5A-Module 06: Dividing Decimals by Powers of 10</p> <p>Math 5A-Module 06: Small Dividend Division</p>

	<p>Math 5B-Module 07: Fraction Multiplication Word Problems</p> <p>Math 5B-Module 07: Introduction to Fraction Multiplication</p> <p>Math 5B-Module 07: Multiplying Fractions with Fractions</p> <p>Math 5B-Module 08: Area by Multiplication</p> <p>Math 5B-Module 08: Area of Squares and Rectangles</p> <p>Math 5B-Module 08: Comparing Products</p> <p>Math 5B-Module 08: Creating and Solving Word Problems</p> <p>Math 5B-Module 08: Inequalities</p> <p>Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One</p> <p>Math 5B-Module 08: Multiplying Improper Fractions</p> <p>Math 5B-Module 08: Perimeter</p> <p>Math 5B-Module 08: The Commutative Property</p> <p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p> <p>Math 5B-Module 10: Length Conversions</p>
BIG IDEA / CORE CONTENT	<p>MP.7. Look for and make use of structure.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 01: Patterns and Graphs</p> <p>Math 5A-Module 01: Translating Math To Words</p> <p>Math 5A-Module 01: Translating Mathematical Expressions</p> <p>Math 5A-Module 01: Translating Words to Math</p> <p>Math 5A-Module 02: Dividing Whole Numbers by Powers of 10</p> <p>Math 5A-Module 02: Exponents</p> <p>Math 5A-Module 02: Multiplying Decimals with Powers of 10</p> <p>Math 5A-Module 02: Place Value Relationships</p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 02: Place Value in Whole Numbers</p> <p>Math 5A-Module 02: Powers of 10</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 03: Decimal Place Value</p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p>

**Math 5A-Module 03: Expanded Form**  
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**Math 5A-Module 04: Two-Digit Number Division**  
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**Math 5B-Module 08: Multiplying Improper Fractions**

**Math 5B-Module 08: Perimeter**  
**Math 5B-Module 08: The Commutative Property**  
**Math 5B-Module 09: Dividing and Multiplying with Unit Fractions**  
**Math 5B-Module 09: Dividing by Unit Fractions**  
**Math 5B-Module 09: Dividing by Whole Numbers**  
**Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators**  
**Math 5B-Module 09: Explanation of Word Problems**

**Math 5B-Module 09: Fraction Multiplication Review**

**Math 5B-Module 09: Fraction Multiplication and Word Problems**  
**Math 5B-Module 09: Reciprocals**  
**Math 5B-Module 09: Unit Fractions**  
**Math 5B-Module 09: Visual Division with Unit Fractions**  
**Math 5B-Module 10: Area vs. Volume**  
**Math 5B-Module 10: Length Conversions**  
**Math 5B-Module 10: Line Plot Problems**  
**Math 5B-Module 10: Line Plots**  
**Math 5B-Module 10: Measuring Length**  
**Math 5B-Module 10: Metric Conversions**  
**Math 5B-Module 10: Reading a Scale**  
**Math 5B-Module 10: Volume**  
**Math 5B-Module 10: Volume Conversions**  
**Math 5B-Module 10: Weight Conversions**  
**Math 5B-Module 11: Composite Figures**  
**Math 5B-Module 11: Locating Coordinate Points**  
**Math 5B-Module 11: Plotting Ordered Pairs**  
**Math 5B-Module 11: Real-World Volume Applications**  
**Math 5B-Module 11: Rectangular Prism Volume**

		<p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: The Coordinate Plane</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Classifying Quadrilaterals</p> <p>Math 5B-Module 12: Common Quadrilateral Attributes</p> <p>Math 5B-Module 12: Graphing on the Coordinate Plane</p> <p>Math 5B-Module 12: Hierarchy of Quadrilaterals</p> <p>Math 5B-Module 12: Identify Points on a Coordinate Plane</p> <p>Math 5B-Module 12: Lines of Symmetry</p> <p>Math 5B-Module 12: Polygons</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p> <p>Math 5B-Module 12: Regular and Irregular Polygons</p> <p>Math 5B-Module 12: Symmetry</p>
BIG IDEA / CORE CONTENT	MP.8.	<p>Look for and express regularity in repeated reasoning.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Ordered Pairs</p> <p>Math 5A-Module 01: Patterns and Sequences</p> <p>Math 5A-Module 01: Relationships Between Sequences</p>
EALR	WA.5.OA.	Operations and Algebraic Thinking
BIG IDEA / CORE CONTENT		Write and interpret numerical expressions.
CORE CONTENT / CONTENT STANDARD	5.OA.1.	<p>Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p> <p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p>
CORE CONTENT / CONTENT STANDARD	5.OA.2.	<p>Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation "add 8 and 7, then multiply by 2" as <math>2 \times (8 + 7)</math>. Recognize that <math>3 \times (18932 + 921)</math> is three times as large as <math>18932 + 921</math>, without having to calculate the indicated sum or product.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Introduction to Operations</p> <p>Math 5A-Module 01: Meaning of Mathematical Expressions</p>

		<p>Math 5A-Module 01: Parentheses, Brackets, and Braces</p> <p>Math 5A-Module 01: Translating Math To Words</p> <p>Math 5A-Module 01: Translating Mathematical Expressions</p> <p>Math 5A-Module 01: Translating Words to Math</p>
<b>EALR</b>	<b>WA.5.OA.</b>	<b>Operations and Algebraic Thinking</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Analyze patterns and relationships.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.OA.3.</b>	<p>Generate two numerical patterns using two given rules. Identify apparent relationships between corresponding terms. Form ordered pairs consisting of corresponding terms from the two patterns, and graph the ordered pairs on a coordinate plane. For example, given the rule "Add 3" and the starting number 0, and given the rule "Add 6" and the starting number 0, generate terms in the resulting sequences, and observe that the terms in one sequence are twice the corresponding terms in the other sequence. Explain informally why this is so.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Ordered Pairs</p> <p>Math 5A-Module 01: Patterns and Sequences</p> <p>Math 5A-Module 01: Relationships Between Sequences</p>
<b>EALR</b>	<b>WA.5.NBT.</b>	<b>Number and Operations in Base Ten</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Understand the place value system.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.NBT.1.</b>	<p>Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 02: Place Value Relationships</p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 02: Place Value in Whole Numbers</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 03: Decimal Place Value</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p> <p>Math 5A-Module 03: Expanded Form</p> <p>Math 5A-Module 03: Rounding Decimals</p> <p>Math 5A-Module 03: Rounding Whole Numbers</p> <p>Math 5A-Module 05: Converting Money to Fractions</p> <p>Math 5A-Module 05: Decimal Addition</p> <p>Math 5A-Module 05: Decimal Subtraction</p> <p>Math 5A-Module 05: Decimal Subtraction: Thousandths Place</p> <p>Math 5A-Module 05: Multiplying Thousandths-Place Decimals</p>

CORE CONTENT / CONTENT STANDARD	5.NBT.2.	<p>Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 02: Dividing Decimals by Powers of 10  Math 5A-Module 02: Dividing Whole Numbers by Powers of 10  Math 5A-Module 02: Multiplying Decimals with Powers of 10  Math 5A-Module 02: Place Value Relationships  Math 5A-Module 02: Powers of 10  Math 5A-Module 06: Dividing Decimals by Powers of 10</p>
EALR	WA.5.NBT.	Number and Operations in Base Ten
BIG IDEA / CORE CONTENT		Understand the place value system.
CORE CONTENT / CONTENT STANDARD	5.NBT.3.	Read, write, and compare decimals to thousandths.
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NBT.3(a)	<p>Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., <math>347.92 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)</math>.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 02: Dividing Decimals by Powers of 10  Math 5A-Module 02: Multiplying Decimals with Powers of 10  Math 5A-Module 02: Place Value in Decimals  Math 5A-Module 03: Comparing Decimals  Math 5A-Module 03: Decimal Place Value  Math 5A-Module 03: Division Using Compatible Numbers  Math 5A-Module 03: Estimating Sums and Differences  Math 5A-Module 03: Expanded Form  Math 5A-Module 03: Multiplication Using Compatible Numbers  Math 5A-Module 03: Rounding Decimals  Math 5A-Module 05: Adding and Subtracting Money  Math 5A-Module 05: Converting Money to Fractions  Math 5A-Module 05: Decimal Addition  Math 5A-Module 05: Decimal Subtraction  Math 5A-Module 05: Decimal Subtraction: Thousandths Place  Math 5A-Module 05: Decimals: Money  Math 5A-Module 05: Dividing Hundredths-Place Decimals  Math 5A-Module 05: Dividing Thousandths-Place Decimals</p>



		<p>Math 5A-Module 05: Money Word Problems</p> <p>Math 5A-Module 05: Multiplying Hundredths-Place Decimals</p> <p>Math 5A-Module 05: Multiplying Thousandths-Place Decimals</p> <p>Math 5A-Module 06: Decimals as Remainders</p> <p>Math 5A-Module 06: Dividing Decimals by Powers of 10</p> <p>Math 5A-Module 06: Small Dividend Division</p> <p>Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NBT.3(b)	<p>Compare two decimals to thousandths based on meanings of the digits in each place, using <math>&gt;</math>, <math>=</math>, and <math>&lt;</math>. symbols to record the results of comparisons.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 02: Place Value in Decimals</p> <p>Math 5A-Module 03: Comparing Decimals</p> <p>Math 5A-Module 05: Decimal Addition</p>
EALR	WA.5.NBT.	Number and Operations in Base Ten
BIG IDEA / CORE CONTENT		Understand the place value system.
CORE CONTENT / CONTENT STANDARD	5.NBT.4.	<p>Use place value understanding to round decimals to any place.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 03: Estimating Sums and Differences</p> <p>Math 5A-Module 03: Multiplication Using Compatible Numbers</p> <p>Math 5A-Module 03: Rounding Decimals</p>
EALR	WA.5.NBT.	Number and Operations in Base Ten
BIG IDEA / CORE CONTENT		Perform operations with multi-digit whole numbers and with decimals to hundredths.
CORE CONTENT / CONTENT STANDARD	5.NBT.5.	<p>Fluently multiply multi-digit whole numbers using the standard algorithm.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 03: Multiplication Using Compatible Numbers</p> <p>Math 5A-Module 04: Multi-Digit Number Multiplication</p> <p>Math 5A-Module 04: Word Problem Multiplication</p>
CORE CONTENT / CONTENT STANDARD	5.NBT.6.	<p>Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.</p>

		<p><b>Mathematics 5</b></p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 04: More on Parital Quotients</p> <p>Math 5A-Module 04: One-Digit Number Division</p> <p>Math 5A-Module 04: Partial Quotients</p> <p>Math 5A-Module 04: Partial Quotients vs. Long Division</p> <p>Math 5A-Module 04: Partial Quotients with Remainders</p> <p>Math 5A-Module 04: Two-Digit Number Division</p>
CORE CONTENT / CONTENT STANDARD	5.NBT.7.	<p>Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.</p> <p><b>Mathematics 5</b></p> <p>Math 5A-Module 02: Dividing Decimals by Powers of 10</p> <p>Math 5A-Module 02: Multiplying Decimals with Powers of 10</p> <p>Math 5A-Module 03: Division Using Compatible Numbers</p> <p>Math 5A-Module 03: Multiplication Using Compatible Numbers</p> <p>Math 5A-Module 05: Adding and Subtracting Money</p> <p>Math 5A-Module 05: Decimal Addition</p> <p>Math 5A-Module 05: Decimal Subtraction</p> <p>Math 5A-Module 05: Decimal Subtraction: Thousandths Place</p> <p>Math 5A-Module 05: Dividing Hundredths-Place Decimals</p> <p>Math 5A-Module 05: Dividing Thousandths-Place Decimals</p> <p>Math 5A-Module 05: Money Word Problems</p> <p>Math 5A-Module 05: Multiplying Hundredths-Place Decimals</p> <p>Math 5A-Module 05: Multiplying Thousandths-Place Decimals</p> <p>Math 5A-Module 06: Decimals as Remainders</p> <p>Math 5A-Module 06: Dividing Decimals by Powers of 10</p> <p>Math 5A-Module 06: Small Dividend Division</p>
EALR	WA.5.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		Use equivalent fractions as a strategy to add and subtract fractions.
CORE CONTENT / CONTENT STANDARD	5.NF.1.	<p>Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, <math>\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}</math>. (In general, <math>\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}</math>.)</p>

		<p><u>Mathematics 5</u></p> <p>Math 5A-Module 06: Adding Mixed Numbers</p> <p>Math 5A-Module 06: Adding and Subtracting Fractions</p> <p>Math 5A-Module 06: Common Denominators</p> <p>Math 5A-Module 06: Subtracting Mixed Numbers</p> <p>Math 5B-Module 07: Estimating Sums and Differences</p> <p>Math 5B-Module 08: Perimeter</p> <p>Math 5B-Module 09: Dividing by Unit Fractions</p>
CORE CONTENT / CONTENT STANDARD	5.NF.2.	<p>Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result <math>2/5 + 1/2 = 3/7</math>, by observing that <math>3/7 &lt; 1/2</math>.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 05: Money Word Problems</p> <p>Math 5B-Module 07: Fraction Models</p> <p>Math 5B-Module 07: Fraction Multiplication Word Problems</p> <p>Math 5B-Module 08: Area by Multiplication</p> <p>Math 5B-Module 08: Creating and Solving Word Problems</p> <p>Math 5B-Module 08: Inequalities</p> <p>Math 5B-Module 08: Multiplying Improper Fractions</p> <p>Math 5B-Module 09: Dividing by Whole Numbers</p> <p>Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators</p> <p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p> <p>Math 5B-Module 09: Visual Division with Unit Fractions</p>
EALR	WA.5.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

CORE CONTENT / CONTENT STANDARD	5.NF.3.	<p>Interpret a fraction as division of the numerator by the denominator (<math>a/b = a \div b</math>). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. For example, interpret <math>3/4</math> as the result of dividing 3 by 4, noting that <math>3/4</math> multiplied by 4 equals 3, and that when 3 wholes are shared equally among 4 people each person has a share of size <math>3/4</math>. If 9 people want to share a 50-pound sack of rice equally by weight, how many pounds of rice should each person get? Between what two whole numbers does your answer lie?</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 02: Place Value in Decimals  Math 5A-Module 03: Decimal Place Value  Math 5A-Module 05: Money Word Problems  Math 5A-Module 06: Adding and Subtracting Fractions  Math 5A-Module 06: Common Denominators  Math 5A-Module 06: Equivalent Fractions  Math 5A-Module 06: Lowest Common Denominator (LCDs)  Math 5A-Module 06: Subtracting Mixed Numbers  Math 5B-Module 07: Comparing Fractions on a Number Line  Math 5B-Module 07: Estimating Sums and Differences  Math 5B-Module 07: Fraction Models  Math 5B-Module 07: Fraction Multiplication Word Problems  Math 5B-Module 07: Fractions as Division  Math 5B-Module 07: Fractions on the Number Line  Math 5B-Module 07: Introduction to Fraction Multiplication  Math 5B-Module 07: Multiplying Fractions with Fractions  Math 5B-Module 07: Ratios  Math 5B-Module 08: Area by Multiplication  Math 5B-Module 08: Area of Squares and Rectangles  Math 5B-Module 08: Comparing Products  Math 5B-Module 08: Creating and Solving Word Problems  Math 5B-Module 08: Inequalities  Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One  Math 5B-Module 08: Multiplying Improper Fractions  Math 5B-Module 08: Perimeter  Math 5B-Module 08: The Commutative Property  Math 5B-Module 09: Dividing and Multiplying with Unit Fractions</p>
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		<p>Math 5B-Module 09: Dividing by Unit Fractions</p> <p>Math 5B-Module 09: Dividing by Whole Numbers</p> <p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p> <p>Math 5B-Module 09: Reciprocals</p> <p>Math 5B-Module 09: Unit Fractions</p> <p>Math 5B-Module 09: Visual Division with Unit Fractions</p>
<b>EALR</b>	<b>WA.5.NF.</b>	<b>Number and Operations--Fractions</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.NF.4.</b>	<b>Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.</b>
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	<b>5.NF.4(a)</b>	<p>Interpret the product <math>(a/b) \times q</math> as a parts of a partition of <math>q</math> into <math>b</math> equal parts; equivalently, as the result of a sequence of operations <math>a \times q / b</math>. For example, use a visual fraction model to show <math>(2/3) \times 4 = 8/3</math>, and create a story context for this equation. Do the same with <math>(2/3) \times (4/5) = 8/15</math>. (In general, <math>(a/b) \times (c/d) = ac/bd</math>.)</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 07: Fraction Multiplication Word Problems</p> <p>Math 5B-Module 07: Introduction to Fraction Multiplication</p> <p>Math 5B-Module 07: Multiplying Fractions with Fractions</p> <p>Math 5B-Module 08: Area by Multiplication</p> <p>Math 5B-Module 08: Area of Squares and Rectangles</p> <p>Math 5B-Module 08: Comparing Products</p> <p>Math 5B-Module 08: Creating and Solving Word Problems</p> <p>Math 5B-Module 08: Inequalities</p> <p>Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One</p> <p>Math 5B-Module 08: Multiplying Improper Fractions</p> <p>Math 5B-Module 08: Perimeter</p> <p>Math 5B-Module 08: The Commutative Property</p> <p>Math 5B-Module 09: Dividing and Multiplying with Unit Fractions</p> <p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p>

CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.4(b)	<p>Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 07: Fraction Multiplication Word Problems  Math 5B-Module 07: Introduction to Fraction Multiplication  Math 5B-Module 07: Multiplying Fractions with Fractions  Math 5B-Module 08: Area by Multiplication  Math 5B-Module 08: Area of Squares and Rectangles</p> <p>Math 5B-Module 08: Comparing Products  Math 5B-Module 08: Creating and Solving Word Problems  Math 5B-Module 08: Inequalities  Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One  Math 5B-Module 08: Multiplying Improper Fractions</p> <p>Math 5B-Module 08: Perimeter  Math 5B-Module 08: The Commutative Property  Math 5B-Module 09: Dividing and Multiplying with Unit Fractions  Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review  Math 5B-Module 09: Fraction Multiplication and Word Problems</p>
EALR	WA.5.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
CORE CONTENT / CONTENT STANDARD	5.NF.5.	Interpret multiplication as scaling (resizing), by:
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.5(a)	<p>Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 04: Multi-Digit Number Multiplication  Math 5A-Module 04: One-Digit Number Multiplication</p> <p>Math 5A-Module 04: Word Problem Multiplication  Math 5B-Module 08: Comparing Products  Math 5B-Module 08: Inequalities</p>

CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.5(b)	<p>Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction less than 1 results in a product smaller than the given number; and relating the principle of fraction equivalence <math>a/b = (n \times a)/(n \times b)</math> to the effect of multiplying <math>a/b</math> by 1.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 08: Comparing Products</p> <p>Math 5B-Module 08: Inequalities</p>
EALR	WA.5.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
CORE CONTENT / CONTENT STANDARD	5.NF.6.	<p>Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 07: Fraction Multiplication Word Problems</p> <p>Math 5B-Module 07: Introduction to Fraction Multiplication</p> <p>Math 5B-Module 07: Multiplying Fractions with Fractions</p> <p>Math 5B-Module 08: Area by Multiplication</p> <p>Math 5B-Module 08: Area of Squares and Rectangles</p> <p>Math 5B-Module 08: Comparing Products</p> <p>Math 5B-Module 08: Creating and Solving Word Problems</p> <p>Math 5B-Module 08: Inequalities</p> <p>Math 5B-Module 08: Multiplying Fractions Less Than One and Greater Than One</p> <p>Math 5B-Module 08: Multiplying Improper Fractions</p> <p>Math 5B-Module 08: Perimeter</p> <p>Math 5B-Module 08: The Commutative Property</p> <p>Math 5B-Module 09: Dividing and Multiplying with Unit Fractions</p> <p>Math 5B-Module 09: Explanation of Word Problems</p> <p>Math 5B-Module 09: Fraction Multiplication Review</p> <p>Math 5B-Module 09: Fraction Multiplication and Word Problems</p>
EALR	WA.5.NF.	Number and Operations--Fractions
BIG IDEA / CORE CONTENT		Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

CORE CONTENT / CONTENT STANDARD	5.NF.7.	Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions.
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.7(a)	<p>Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for <math>(1/3) / 4</math>, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that <math>(1/3) / 4 = 1/12</math> because <math>(1/12) \times 4 = 1/3</math>.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 09: Dividing and Multiplying with Unit Fractions  Math 5B-Module 09: Dividing by Unit Fractions  Math 5B-Module 09: Dividing by Whole Numbers  Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators  Math 5B-Module 09: Reciprocals  Math 5B-Module 09: Unit Fractions  Math 5B-Module 09: Visual Division with Unit Fractions</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.7(b)	<p>Interpret division of a whole number by a unit fraction, and compute such quotients. For example, create a story context for <math>4 / (1/5)</math>, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that <math>4 / (1/5) = 20</math> because <math>20 \times (1/5) = 4</math>.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 09: Dividing and Multiplying with Unit Fractions  Math 5B-Module 09: Dividing by Unit Fractions  Math 5B-Module 09: Dividing by Whole Numbers  Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators  Math 5B-Module 09: Reciprocals  Math 5B-Module 09: Unit Fractions  Math 5B-Module 09: Visual Division with Unit Fractions</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.NF.7(c)	<p>Solve real world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem. For example, how much chocolate will each person get if 3 people share <math>1/2</math> lb of chocolate equally? How many <math>1/3</math>-cup servings are in 2 cups of raisins?</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 09: Dividing and Multiplying with Unit Fractions  Math 5B-Module 09: Dividing by Unit Fractions  Math 5B-Module 09: Dividing by Whole Numbers</p>



		<p>Math 5B-Module 09: Division by Unit Fractions Using Reciprocals and Common Denominators</p> <p>Math 5B-Module 09: Reciprocals</p> <p>Math 5B-Module 09: Unit Fractions</p> <p>Math 5B-Module 09: Visual Division with Unit Fractions</p>
<b>EALR</b>	<b>WA.5.MD.</b>	<b>Measurement and Data</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Convert like measurement units within a given measurement system.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.MD.1.</b>	<p>Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Length Conversions</p> <p>Math 5B-Module 10: Metric Conversions</p> <p>Math 5B-Module 10: Reading a Scale</p> <p>Math 5B-Module 10: Volume Conversions</p> <p>Math 5B-Module 10: Weight Conversions</p>
<b>EALR</b>	<b>WA.5.MD.</b>	<b>Measurement and Data</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Represent and interpret data.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.MD.2.</b>	<p>Make a line plot to display a data set of measurements in fractions of a unit (<math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{8}</math>). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Line Plot Problems</p> <p>Math 5B-Module 10: Line Plots</p>
<b>EALR</b>	<b>WA.5.MD.</b>	<b>Measurement and Data</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	<b>5.MD.3.</b>	<b>Recognize volume as an attribute of solid figures and understand concepts of volume measurement.</b>
<b>CONTENT STANDARD / PERFORMANCE EXPECTATION</b>	<b>5.MD.3(a)</b>	<p>A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Area vs. Volume</p> <p>Math 5B-Module 10: Volume</p> <p>Math 5B-Module 11: Composite Figures</p> <p>Math 5B-Module 11: Real-World Volume Applications</p>

		<p>Math 5B-Module 11: Rectangular Prism Volume</p> <p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.MD.3(b)	<p>A solid figure which can be packed without gaps or overlaps using <math>n</math> unit cubes is said to have a volume of <math>n</math> cubic units.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Area vs. Volume</p> <p>Math 5B-Module 10: Volume</p> <p>Math 5B-Module 11: Composite Figures</p> <p>Math 5B-Module 11: Real-World Volume Applications</p> <p>Math 5B-Module 11: Rectangular Prism Volume</p> <p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
EALR	WA.5.MD.	Measurement and Data
BIG IDEA / CORE CONTENT		Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.
CORE CONTENT / CONTENT STANDARD	5.MD.4.	<p>Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Area vs. Volume</p> <p>Math 5B-Module 10: Volume</p> <p>Math 5B-Module 11: Composite Figures</p> <p>Math 5B-Module 11: Real-World Volume Applications</p> <p>Math 5B-Module 11: Rectangular Prism Volume</p> <p>Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: Unit Cubes and Volume</p> <p>Math 5B-Module 11: Volume Formula</p> <p>Math 5B-Module 11: Volume vs. Area</p> <p>Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
EALR	WA.5.MD.	Measurement and Data
BIG IDEA / CORE CONTENT		Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.

CORE CONTENT / CONTENT STANDARD	5.MD.5.	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.MD.5(a)	<p>Find the volume of a right rectangular prism with whole-number side lengths by packing it with unit cubes, and show that the volume is the same as would be found by multiplying the edge lengths, equivalently by multiplying the height by the area of the base. Represent threefold whole-number products as volumes, e.g., to represent the associative property of multiplication.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Area vs. Volume  Math 5B-Module 11: Composite Figures  Math 5B-Module 11: Real-World Volume Applications</p> <p>Math 5B-Module 11: Rectangular Prism Volume  Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: Unit Cubes and Volume  Math 5B-Module 11: Volume Formula  Math 5B-Module 11: Volume vs. Area  Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.MD.5(b)	<p>Apply the formulas <math>V = l \times w \times h</math> and <math>V = b \times h</math> for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real world and mathematical problems.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 10: Area vs. Volume  Math 5B-Module 11: Composite Figures  Math 5B-Module 11: Real-World Volume Applications</p> <p>Math 5B-Module 11: Rectangular Prism Volume  Math 5B-Module 11: Solving for Missing Dimensions</p> <p>Math 5B-Module 11: Unit Cubes and Volume  Math 5B-Module 11: Volume Formula  Math 5B-Module 11: Volume vs. Area  Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
CONTENT STANDARD / PERFORMANCE EXPECTATION	5.MD.5(c)	<p>Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems.</p> <p><u>Mathematics 5</u></p> <p>Math 5B-Module 11: Composite Figures</p>
EALR	WA.5.G.	Geometry

<b>BIG IDEA / CORE CONTENT</b>		<b>Graph points on the coordinate plane to solve real-world and mathematical problems.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	5.G.1.	<p>Use a pair of perpendicular number lines, called axes, to define a coordinate system, with the intersection of the lines (the origin) arranged to coincide with the 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Understand that the first number indicates how far to travel from the origin in the direction of one axis, and the second number indicates how far to travel in the direction of the second axis, with the convention that the names of the two axes and the coordinates correspond (e.g., x-axis and x-coordinate, y-axis and y-coordinate)</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Ordered Pairs  Math 5A-Module 01: Patterns and Graphs  Math 5B-Module 11: Locating Coordinate Points  Math 5B-Module 11: Plotting Ordered Pairs  Math 5B-Module 11: The Coordinate Plane  Math 5B-Module 12: Graphing on the Coordinate Plane  Math 5B-Module 12: Identify Points on a Coordinate Plane  Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
<b>CORE CONTENT / CONTENT STANDARD</b>	5.G.2.	<p>Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.</p> <p><u>Mathematics 5</u></p> <p>Math 5A-Module 01: Ordered Pairs  Math 5A-Module 01: Patterns and Graphs  Math 5B-Module 11: Locating Coordinate Points  Math 5B-Module 11: Plotting Ordered Pairs  Math 5B-Module 11: The Coordinate Plane  Math 5B-Module 12: Graphing on the Coordinate Plane  Math 5B-Module 12: Identify Points on a Coordinate Plane  Math 5B-Module 12: Problem-Solve Using the Coordinate Plane</p>
<b>EALR</b>	<b>WA.5.G.</b>	<b>Geometry</b>
<b>BIG IDEA / CORE CONTENT</b>		<b>Classify two-dimensional figures into categories based on their properties.</b>
<b>CORE CONTENT / CONTENT STANDARD</b>	5.G.3.	<p>Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.</p>

		<p><b><u>Mathematics 5</u></b></p> <p><b>Math 5B-Module 12: Classifying Quadrilaterals</b></p> <p><b>Math 5B-Module 12: Common Quadrilateral Attributes</b></p> <p><b>Math 5B-Module 12: Hierarchy of Quadrilaterals</b></p> <p><b>Math 5B-Module 12: Identify Points on a Coordinate Plane</b></p> <p><b>Math 5B-Module 12: Lines of Symmetry</b></p> <p><b>Math 5B-Module 12: Polygons</b></p> <p><b>Math 5B-Module 12: Regular and Irregular Polygons</b></p> <p><b>Math 5B-Module 12: Symmetry</b></p>
<p><b>CORE CONTENT / CONTENT STANDARD</b></p>	<p><b>5.G.4.</b></p>	<p><b>Classify two-dimensional figures in a hierarchy based on properties.</b></p> <p><b><u>Mathematics 5</u></b></p> <p><b>Math 5B-Module 12: Classifying Quadrilaterals</b></p> <p><b>Math 5B-Module 12: Common Quadrilateral Attributes</b></p> <p><b>Math 5B-Module 12: Hierarchy of Quadrilaterals</b></p> <p><b>Math 5B-Module 12: Identify Points on a Coordinate Plane</b></p> <p><b>Math 5B-Module 12: Lines of Symmetry</b></p> <p><b>Math 5B-Module 12: Polygons</b></p> <p><b>Math 5B-Module 12: Regular and Irregular Polygons</b></p> <p><b>Math 5B-Module 12: Symmetry</b></p>