

EngageNY Module 1: Place Value, Rounding, and Algorithms for Addition and Subtraction

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Place Value of Multi-Digit Whole Numbers</i>							
Lesson 1		4.OA.1 (Understanding Multiplicative Comparison) Focus 2: Parts of a Multiplicative Comparison				Exploring Place-Landia	
Lesson 2	Relating Place Value and Multiples of 10 Multiplying by Powers of Ten	4.NBT.1 (Place Value and the Magnitude of Products) Focus 1: Understanding Magnitude Using Base-Ten Blocks Focus 2: Understanding Magnitude Using Money Focus 3: Using Inverse Operations to Demonstrate Magnitude Focus 4: Understanding Products with 10	Relating Place Value and Multiples of 10 Magic of 10	Identifying the Relationship Between the Digits in Each Place Multiplying a number (1 - 100) by 10, 100, and 1000 Building Multiples of Ten Using Base Ten Blocks			SLA 4.NBT.1
Lesson 3	State Numbers: Expanded, Word, Visual, and Standard Forms Express Numbers: Standard or Expanded Form to Words Express Numbers: Standard or Word Form to Expanded Form	4.NBT.2 (Reading, Writing, and Comparing Multi-Digit Numbers) Focus 3: Reading and Writing Numbers in Word Form	Place Value to the Hundred Thousands Place Expressing Numbers in Expanded Form	Standard Form to Word and Expanded Forms Word Form to Standard and Expanded Forms Standard, Expanded, and Word Form Using Base Ten Blocks			
Lesson 4		4.NBT.2 (Reading, Writing, and Comparing Multi-Digit Numbers) Focus 1: Reading and Writing Numbers in Standard Form Focus 2: Reading and Writing Numbers in Expanded Form Focus 6: Writing Numbers with Zeros in Standard, Expanded, and Word Forms					
<i>Topic B: Comparing Multi-Digit Whole Numbers</i>							
Lesson 5	Comparing Whole Numbers	4.NBT.2 (Reading, Writing, and Comparing Multi-Digit Numbers)	Comparing Whole Numbers	Comparing Numbers Up to 1 Million Using Symbols and Words			SLA 4.NBT.2

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EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
	Ordering Numbers	Focus 4: Comparing Two Multi-Digit Numbers By Using Symbols	Compare and Order Numbers	Comparing Two Forms Up to 1 Million Using Symbols and Words			
		Focus 5: Solving Comparison Problems		Ordering Multi-Digit Numbers Using a Place Value Chart			
				Compare and Order Numbers (up to 100,000)			
Lesson 6							
<i>Topic C: Rounding Multi-Digit Whole Numbers</i>							
Lesson 7	Rounding Whole Numbers Using Representations	4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place) Focus 2: Rounding Multi-Digit Numbers Using a Number Line	Rounding Numbers	Rounding Using Base Ten Blocks and a Place Value Chart Rounding Using a Hundreds Chart Rounding Using Number Lines and Rounding Hills			
Lesson 8	Rounding Whole Numbers	4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place) Focus 4: Rounding Multi-Digit Numbers Involving Nines	Rounding Numbers	Rounding Using Base Ten Blocks and a Place Value Chart Rounding to the Nearest Ten or Hundred Using Place Value Rounding Using Number Lines and Rounding Hills			
Lesson 9		4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place) Focus 3: Rounding Multi-Digit Numbers without Visuals					
Lesson 10	Estimating Sums and Differences Estimating Products and Quotients	4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place) Focus 5: Estimating Word Problems with Rounding – Addition and Division Focus 6: Estimating Word Problems with Rounding – Multiplication and Subtraction	Estimating Sums and Differences Estimating Products and Quotients	Estimating the Sum of Two Multi-Digit Numbers Estimating the Difference of Two Multi-Digit Numbers Estimating the Product of Two Numbers Estimating the Quotient of Two Numbers			

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EngageNY Lessons	TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Assessments
<i>Topic D: Multi-Digit Whole Number Addition</i>						
Lesson 11		4.NBT.4 (Using Standard Algorithms for Addition and Subtraction) Focus 1: Addition Algorithm: Base-Ten Blocks with a Written Record Focus 2: Addition Algorithm: Comparing Written Records Focus 3: Addition Algorithm: Error Analysis				
Lesson 12	Estimating Sums and Differences Estimating Products and Quotients	4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place) Focus 5: Estimating Word Problems with Rounding – Addition and Division Focus 6: Estimating Word Problems with Rounding – Multiplication and Subtraction	Estimating Sums and Differences Estimating Products and Quotients	Estimating the Sum of Two Multi-Digit Numbers Estimating the Difference of Two Multi-Digit Numbers Estimating the Product of Two Numbers Estimating the Quotient of Two Numbers		SLA 4.NBT.3
<i>Topic E: Multi-Digit Whole Number Subtraction</i>						
Lesson 13		4.NBT.4 (Using Standard Algorithms for Addition and Subtraction) Focus 4: Subtraction Algorithm: Base-Ten Blocks with a Written Record Focus 5: Subtraction Algorithm: Comparing Written Records				
Lesson 14		4.NBT.4 (Using Standard Algorithms for Addition and Subtraction) Focus 6: Subtraction Algorithm: Trading Across Zeros				
Lesson 15	Addition and Subtraction Using Standard Algorithm	4.NBT.4 (Using Standard Algorithms for Addition and Subtraction) Focus 7: Subtraction Algorithm: Error Analysis	Three-Digit Addition Using Regrouping Subtract Three-Digit Numbers Using Regrouping	Addition Using Standard Algorithm Subtraction Using Standard Algorithm	Add Within 10,000 Subtract Within 10,000	SLA 4.NBT.4

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EngageNY Module 1: Place Value, Rounding, and Algorithms for Addition and Subtraction

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 16				Identifying the Missing Number in a 3-Digit Subtraction Problem Identifying the Missing Number in an Addition Sentence			
		4.OA.3 (Solving Problems with the Four Operations) Focus 1: Estimating Solutions to Word Problems					
<i>Topic F: Addition and Subtraction Word Problems</i>							
Lesson 17							
Lesson 18		4.OA.3 (Solving Problems with the Four Operations) Focus 3: Solving a Multistep Word Problem					
Lesson 19							

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EngageNY Module 2: Unit Conversions and Problem Solving with Metric Measurement

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Metric Unit Conversions</i>							
Lesson 1	Metric Length	4.MD.1 (Introduction to Unit Conversions) Focus 2: Converting Metric Lengths	Metric Units of Length	Estimating Measures Using Metric Units Converting Metric Units of Length			
Lesson 2			Metric Units of Weight	Converting Metric Units of Weight			
Lesson 3		4.MD.1 (Introduction to Unit Conversions) Focus 7: Converting Metric Volume and Mass with Fractions and Decimals	Metric Units of Capacity	Converting Metric Units of Capacity			
<i>Topic B: Application of Metric Unit Conversions</i>							
Lesson 4		4.MD.1 (Introduction to Unit Conversions) Focus 1: Introduction to Conversions in the Metric System					
Lesson 5							

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EngageNY Module 3: Multi-Digit Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Multiplicative Comparison Word Problems</i>							
Lesson 1		4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles) Focus 1: Deriving Formula for Area of a Rectangle Focus 3: Deriving Formula for Perimeter of a Rectangle					
Lesson 2	Relate: Multiply & Divide, Multiply & Add Multiplication and Division to Solve Word Problems	4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles) Focus 2: Applying Area Formula to Solve a Problem Focus 4: Applying Perimeter Formula to Solve Problems 4.OA.1 (Understanding Multiplicative Comparison) Focus 1: Multiplying to Find Twice as Much 4.OA.2 (Solving Problems with Multiplicative Comparison) Focus 3: Building Bigger Block Towers: Multiplicative Comparison with a Larger Unknown Focus 4: Building Smaller Block Towers: Multiplicative Comparison with a Smaller Unknown Focus 5: Building Block Towers: Comparison Factor Unknown	Understanding Multiplicative Comparisons	Relating Multiplication and Addition Comparing with Multiplication and Comparing with Addition Identifying Related Multiplication & Division Sentences Solving Multiplication Comparison Problems Using Division			
Lesson 3	Finding Area and Missing Side Lengths Finding Perimeter and Missing Side Lengths	4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles) Focus 5: Relating Area and Perimeter	Finding Areas and Missing Side Lengths Finding Perimeters and Missing Side Lengths	Applying the Area Formula to Solve Real World Problems Applying the Perimeter Formula to Solve Real World Problems			SLA 4.MD.3
<i>Topic B: Multiplication by 10, 100, and 1,000</i>							
Lesson 4							

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EngageNY Module 3: Multi-Digit Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 5							
Lesson 6							
<i>Topic C: Multiplication of up to Four Digits by Single-Digit Numbers</i>							
Lesson 7	Basic Multiplication Review with Arrays		Multiplying Two-Digit Numbers Using Arrays	Using an Array to Multiply a 1-Digit by a 1- or 2-Digit Number Using an Array to Solve a Multiplication Word Problem			
Lesson 8							
Lesson 9							
Lesson 10						Multiply 1-Digit and 3-Digit Numbers Multiply 1-Digit and 4-Digit Numbers	
Lesson 11		4.NBT.5 (Strategies for Multi-Digit Multiplication) Focus 4: Multi-Digit Multiplication with Area Models and the Distributive Property Focus 6: Recording Partial Products for Multi-Digit Multiplication		Multiplying a Multi-Digit Number by a 1-Digit Number Using Partial Products Multiplying a Multi-Digit Number by a 1-Digit Number Using Partial Products			
<i>Topic D: Multiplication Word Problems</i>							
Lesson 12	Understanding Multiplicative Comparisons	4.OA.1 (Understanding Multiplicative Comparison) Focus 3: Matching Equations and Comparison Statements Focus 4: Multiplicative Comparison Puzzle Focus 5: Commutative, Multiplicative Monkeys	Understanding Multiplicative Comparisons	Multiplicative Comparisons			

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EngageNY Module 3: Multi-Digit Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 13		4.OA.3 (Solving Problems with the Four Operations) Focus 3: Solving a Multistep Word Problem					
<i>Topic E: Division of Tens and Ones with Successive Remainders</i>							
Lesson 14		4.NBT.6 (Strategies for 4-by-1 Division with Remainders) Focus 5: Understanding Quotients and Remainders					
Lesson 15							
Lesson 16							
Lesson 17							
Lesson 18							
Lesson 19							
Lesson 20							
Lesson 21							Divide 2-Digit Numbers by 1-Digit Numbers
<i>Topic F: Reasoning with Divisibility</i>							
Lesson 22	Factors Understanding Prime and Composite Numbers	4.OA.4 (Factors and Multiples) Focus 2: Finding Factor Pairs for Numbers Within 100 Focus 3: Introduction to Prime and Composite Numbers	Identifying Factors of a Number Understanding Prime Numbers	Identifying Factors of Numbers Identifying Missing Factors using Factor Pairs Identifying the Missing Factor Using Place Value Identifying Prime and Composite Whole Numbers (1-100)			Mystery Rules
Lesson 23		4.OA.4 (Factors and Multiples)					

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EngageNY Module 3: Multi-Digit Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 4: Prime and Composite Numbers with Rectangles					
Lesson 24		4.OA.4 (Factors and Multiples)					
		Focus 5: Multiples of 1-Digit Numbers					
Lesson 25	Multiples and Divisibility	4.OA.4 (Factors and Multiples)	Divisibility Rules for Whole Numbers	Identifying Multiples of One-Digit Numbers			SLA 4.OA.4
		Focus 6: Is It a Multiple?	Identifying Factors of a Number	Identifying Factors of Numbers			
<i>Topic G: Division of Thousands, Hundreds, Tens, and Ones</i>							
Lesson 26							
Lesson 27							
Lesson 28		4.NBT.6 (Strategies for 4-by-1 Division with Remainders)	Using Partial Quotients to Solve Division Problems		Divide 3-Digit Numbers by 1-Digit Numbers		
		Focus 1: Place Value Strategies for Division					
Lesson 29	Understanding Division Using Models and Strategies	4.NBT.6 (Strategies for 4-by-1 Division with Remainders)	Dividing Using Place Value	Using Partial Quotients to Divide by a 1-Digit Number	Divide 4-Digit Numbers by 1-Digit Numbers		
		Focus 2: Partial Quotients for Division - Part 1	Using Partial Quotients to Solve Division Problems	Using an Area Model to Divide by a 1-Digit Number			
		Focus 3: Partial Quotients for Division - Part 2		Using Place Value to Divide 4-Digit by 1-Digit Numbers			
		Focus 4: Area Models for Division					
Lesson 30							
Lesson 31	Solve Word Problems Involving Division		Using Partial Quotients to Solve Division Problems	Solving Division Word Problems Using the Quotative Model			
				Solving Division Word Problems Using the Partitive Model			
Lesson 32	Solve Problems Using the Four Operations (No Estimation)	4.OA.3 (Solving Problems with the Four Operations)	Solving Multi-Step Word Problems	Solving Multi-Step Word Problems			

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EngageNY Module 3: Multi-Digit Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 33		Focus 4: Interpreting the Remainder - Part 1 Focus 5: Interpreting the Remainder - Part 2					
<i>Topic H: Multiplication of Two-Digit by Two-Digit Numbers</i>							
Lesson 34	Base Ten Blocks to Multiply	4.NBT.5 (Strategies for Multi-Digit Multiplication)	Using Base 10 Blocks to Multiply	Identifying Partial Products Using Base Ten Blocks			
		Focus 2: Base-Ten Blocks for 2-Digit by 2-Digit Multiplication		Multiplying Two 2-Digit Numbers Using Partial Products			
Lesson 35							
Lesson 36	Area Models to Multiply	4.NBT.5 (Strategies for Multi-Digit Multiplication)	Using Area Models to Multiply	Multiplying Two 2-Digit Numbers Using Partial Products	Multiply 2-Digit Numbers		
	Solve Word Problems Using Multiplication Strategies	Focus 5: Recording Partial Products for 2-Digit by 2-Digit Multiplication	Solving Word Problems Using Partial Products	Multiplying Two 2-Digit Numbers Using Partial Products			
	Equations and Multiplication		Equations and Multiplication	Multiplying Two 2-Digit Numbers Using Partial Products			
Lesson 37			Using Area Models to Multiply	Multiplying Two 2-Digit Numbers Using Partial Products			
Lesson 38			Using Area Models to Multiply	Multiplying Two 2-Digit Numbers Using Partial Products			

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EngageNY Module 4: Angle Measures and Plane Figures

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Lines and Angles</i>							
Lesson 1		4.G.1 (Points, Lines, and Angles) Focus 1: Understanding and Representing Points Focus 2: Understanding and Representing Lines, Segments, and Rays Focus 3: Understanding Angles in the World					
Lesson 2		4.G.1 (Points, Lines, and Angles) Focus 4: Acute, Obtuse, and Right Angles					
Lesson 3							
Lesson 4	Lines, Segments, and Angles	4.G.1 (Points, Lines, and Angles) Focus 6: Parallel and Perpendicular Lines	Lines, Line Segments, Rays, and Angles Angles and Sides of Two-Dimensional Shapes	Identifying Lines and Angles			SLA 4.G.1
<i>Topic B: Angle Measurement</i>							
Lesson 5	Solving Problems Involving Angle Measures and Circles	4.MD.5 (Understanding Angles and Degrees) Focus 1: Relating Angles to Rotation Focus 2: Understanding Degrees Focus 4: Benchmark Angles and Turns Focus 5: Classifying Angles 4.MD.6 (Measuring and Drawing Angles) Focus 1: Iterating a Unit Angle to Measure Angles	Angle Measures and Circles	Relating Angle Measures to Circles			

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EngageNY Module 4: Angle Measures and Plane Figures

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 6		Focus 4: Partitioning a Circle to Make a Protractor					
Lesson 7		<p>4.MD.6 (Measuring and Drawing Angles)</p> <p>Focus 3: Sketching Angles</p> <p>Focus 5: Measuring with a Circular Protractor</p> <p>Focus 6: Measuring with a Standard Protractor</p> <p>Focus 7: Drawing Angles Precisely Using a Protractor</p>					
Lesson 8	<p>Understanding Angle Measures and Circles</p> <p>Measuring Angles with a Protractor</p>	<p>4.MD.5 (Understanding Angles and Degrees)</p> <p>Focus 3: 4.MD.5 (Understanding Angles and Degrees)</p> <p>4.MD.6 (Measuring and Drawing Angles)</p> <p>Focus 2: Partitioning a Circle to Find Benchmark Angles</p>	<p>Angle Measures and Circles</p> <p>Measuring Angles with a Protractor</p>	<p>Relating Angle Measures to Circles</p> <p>Using a Protractor to Measure Angles</p>			<p>SLA 4.MD.5</p> <p>SLA 4.MD.6</p>
Topic C: Problem Solving with the Addition of Angle Measures							
Lesson 9		<p>4.MD.7 (Angles are Additive)</p> <p>Focus 2: Pattern Block Angles</p>					
Lesson 10		<p>4.MD.7 (Angles are Additive)</p> <p>Focus 3: Understanding Complementary Angles</p>				Potato Launcher	
Lesson 11	Adding and Subtracting Angles	<p>4.MD.7 (Angles are Additive)</p> <p>Focus 4: Understanding Supplementary Angles</p>	<p>Adding and Subtracting Angles</p>	<p>Adding and Subtracting Angles</p>			<p>SLA 4.MD.7</p>

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EngageNY Module 4: Angle Measures and Plane Figures

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Topic D: Two-Dimensional Figures and Symmetry							
Lesson 12	Lines of Symmetry	4.G.3 (Lines of Symmetry) Focus 1: Introduction to Symmetry Focus 2: Drawing Lines of Symmetry Focus 3: Part-Whole: Reasoning About Symmetry Focus 4: Multiple Lines of Symmetry Focus 5: Symmetry Game	Lines of Symmetry in 2-D Shapes	Understanding and Identifying Lines of Symmetry			SLA 4.G.3
Lesson 13		4.G.2 (Classifying Shapes by Perpendicular and Parallel Sides and Right Angles) Focus 5: Classify Triangles by Angles Focus 6: Classify Triangles by Side Length	Naming Triangles	Using Side Lengths and Angle Measures to Classify Triangles			
Lesson 14	Classifying Triangles	4.G.2 (Classifying Shapes by Perpendicular and Parallel Sides and Right Angles) Focus 7: Cross-Classify Triangles	Naming Triangles	Using Side Lengths and Angle Measures to Classify Triangles			
Lesson 15	Identifying 2-D Figures Identifying 2-D Figures Using Sides Identifying 2-D Figures Using Angles	4.G.2 (Classifying Shapes by Perpendicular and Parallel Sides and Right Angles) Focus 2: Classify Quadrilaterals by Sides and Angles Focus 3: Classify Polygons by Sides and Angles Focus 4: Name and Describe Specific Quadrilaterals	Angles and Sides of Two-Dimensional Shapes Comparing 2-D Figures Characteristics of 2-D Figures	Identifying Lines and Angles Identifying Quadrilaterals			SLA 4.G.2
Lesson 16							

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 4

EngageNY Module 5: Fraction Equivalence, Ordering, and Operations

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Decomposition and Fraction Equivalence</i>							
Lesson 1	Joining and Separating Parts of the Same Whole	4.NF.3 (Adding and Subtracting Fractions with Like Denominators)	Joining and Separating Parts of a Whole	Add and Subtract Fractions using Models			
		Focus 1: Composite Fractions as Addition of Unit Fractions		Identifying the Missing Fraction in Addition and Subtraction Equations			
		Focus 2: Sums and Differences with Composite Fractions					
Lesson 2		4.NF.3 (Adding and Subtracting Fractions with Like Denominators)	Joining and Separating Parts of a Whole	Add and Subtract Fractions using Models			
		Focus 3: Mixed Numbers and Fractions Greater Than 1					
Lesson 3		4.NF.4 (Multiplying Whole Numbers by Fractions)					
		Focus 2: Visual Representations for Multiplying Whole Numbers by Unit Fractions					
Lesson 4	Fractions as Multiples	4.NF.4 (Multiplying Whole Numbers by Fractions)	Fractions as Multiples	Writing Fractions as Multiples			
		Focus 1: Composite Fractions as Multiples of Unit Fractions					
Lesson 5							
Lesson 6							
<i>Topic B: Fraction Equivalence Using Multiplication and Division</i>							
Lesson 7		4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)	Identifying Equivalent Fractions Visually	Finding Equivalent Fractions with Models and Equations		Bridging the Gap	
		Focus 1: Finding Equivalent Fractions Using Length Models					
		Focus 2: Finding Equivalent Fractions Using Area Models					
Lesson 8		4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)	Identifying Equivalent Fractions Visually	Finding Equivalent Fractions with Models and Equations			

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EngageNY Module 5: Fraction Equivalence, Ordering, and Operations

EngageNY Lessons	TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Assessments
		Focus 4: Writing Multiplication Equations to Show Equivalent Fractions Focus 5: Connecting Models and Equations to Understand Equivalent Fractions				
Lesson 9						
Lesson 10		4.NF.1 (Finding Equivalent Fractions: Multiplication and Models) Focus 6: Reasoning about Equivalent Fractions				
Lesson 11	Identifying Equivalent Fractions Using Visuals Creating Equivalent Fractions	4.NF.1 (Finding Equivalent Fractions: Multiplication and Models) Focus 3: Finding Equivalent Fractions Using Number Lines	Identifying Equivalent Fractions Visually Multiply to Find Equivalent Fractions	Finding Equivalent Fractions with Models and Equations Identifying Equivalent Fractions Using Models and Number Lines Finding Equivalent Fractions with Models and Equations	Find Equivalent Fractions	SLA 4.NF.1
<i>Topic C: Fraction Comparison</i>						
Lesson 12						
Lesson 13		4.NF.2 (Strategies for Comparing Fractions) Focus 2: Compare Using Benchmark Values (0 , $\frac{1}{2}$, 1)				
Lesson 14		4.NF.2 (Strategies for Comparing Fractions) Focus 3: Compare Fractions by Finding Common Numerators		Comparing Fractions Using Common Denominators and Benchmarks		
Lesson 15	Strategies for Comparing Fractions	4.NF.2 (Strategies for Comparing Fractions) Focus 4: Compare Fractions by Finding Common Denominators	Strategies for Comparing Fractions	Comparing Fractions Using Common Denominators and Benchmarks Identifying Equivalent Fractions Using Models and Number Lines	Comparing Fractions with Like Denominators	SLA 4.NF.2
<i>Topic D: Fraction Addition and Subtraction</i>						

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EngageNY Module 5: Fraction Equivalence, Ordering, and Operations

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 16			Joining and Separating Parts of a Whole	Add and Subtract Fractions using Models			
Lesson 17			Adding and Subtracting Fractions with Visuals	Adding Fractions with Like Denominators Using a Model Subtracting Fractions with Like Denominators Using a Model			
Lesson 18							
Lesson 19	Addition and Subtraction of Fractions with Visuals	4.NF.3 (Adding and Subtracting Fractions with Like Denominators) Focus 8: Word Problems: Adding and Subtracting Fractions and Mixed Numbers	Adding and Subtracting Fractions with Visuals	Adding Fractions with Like Denominators Using a Model Subtracting Fractions with Like Denominators Using a Model			
Lesson 20							
Lesson 21							
<i>Topic E: Extending Fraction Equivalence to Fractions Greater than 1</i>							
Lesson 22							
Lesson 23	Multiplication of a Fraction by a Whole Number	4.NF.4 (Multiplying Whole Numbers by Fractions) Focus 3: Multiplying Whole Numbers by Composite Fractions	Multiplying Fractions by Whole Numbers	Visualizing the Multiplication of a Fraction by a Whole Number			
Lesson 24							
Lesson 25							
Lesson 26		4.NF.2 (Strategies for Comparing Fractions) Focus 5: Choose the Best Strategy to Compare Fractions					
Lesson 27							

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EngageNY Module 5: Fraction Equivalence, Ordering, and Operations

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 28	Addition and Subtraction of Fractions Using Line Plots	4.MD.4 (Adding and Subtracting Fractions to Analyze Line Plot Data)	Addition and Subtraction of Fractions Using Line Plots	Addition of Fractions Using Line Plots			SLA 4.MD.4
		Focus 1: Making a Line Plot					
		Focus 2: Comparing Line Plots					
		Focus 3: Adding Fractions with Line Plot Data					
		Focus 4: Subtracting Fractions in Line Plot Data		Subtraction of Fractions Using Line Plots			
<i>Topic F: Addition and Subtraction of Fractions by Decomposition</i>							
Lesson 29							
Lesson 30	Representing Fractions	4.NF.3 (Adding and Subtracting Fractions with Like Denominators)	Representing Fractions	Decomposing Fractions and Mixed Numbers			
		Focus 4: Adding Mixed Numbers as Wholes and Parts					
Lesson 31		4.NF.3 (Adding and Subtracting Fractions with Like Denominators)	Addition of Mixed Numbers	Addition of Mixed Numbers			
Lesson 32		Focus 5: Adding Mixed Numbers as Fractions Greater Than 1					
Lesson 33		4.NF.3 (Adding and Subtracting Fractions with Like Denominators)					
		Focus 7: Subtracting Mixed Numbers as Fractions Greater Than 1					
Lesson 34	Strategies for Adding and Subtracting Mixed Numbers	4.NF.3 (Adding and Subtracting Fractions with Like Denominators)	Strategies for Subtracting Mixed Numbers	Subtracting Mixed Numbers			SLA 4.NF.3
	Addition and Subtraction of Mixed Numbers		Focus 6: Subtracting Mixed Numbers as Wholes and Parts	Subtraction of Mixed Numbers	Subtracting Mixed Numbers		
<i>Topic G: Repeated Addition of Fractions as Multiplication</i>							
Lesson 35		4.NF.4 (Multiplying Whole Numbers by Fractions)					
		Focus 4: Different Expressions for Multiplying Whole Numbers by Composite Fractions					

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EngageNY Module 5: Fraction Equivalence, Ordering, and Operations

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 36		4.NF.4 (Multiplying Whole Numbers by Fractions) Focus 6: Solving Word Problems That Involve Multiplying Whole Numbers by Composite Fractions					
Lesson 37		4.NF.4 (Multiplying Whole Numbers by Fractions) Focus 7: Multiplying Whole Numbers by Fractions					
Lesson 38							
Lesson 39							
Lesson 40	Solve Word Problems: Multiply a Fraction & Whole Number	4.NF.4 (Multiplying Whole Numbers by Fractions) Focus 5: Solving Word Problems That Involve Multiplying Whole Numbers and Unit Fractions	Fractions as Multiples: Word Problems	Visualizing the Multiplication of a Fraction by a Whole Number			SLA 4.NF.4
<i>Topic H: Explore a Fraction Pattern</i>							
Lesson 41							

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EngageNY Module 6: Decimal Fractions

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Exploration of Tenths</i>							
Lesson 1			Fractions to Decimals: Tenths				
Lesson 2			Fractions to Decimals: Tenths				
Lesson 3							
<i>Topic B: Tenths and Hundredths</i>							
Lesson 4		4.NF.6 (Writing Tenths and Hundredths as Decimals) Focus 1: Introduction to Place Value Less Than One Focus 2: Write Tenths and Hundredths - Fractions Less Than 1 as Decimals Focus 3: Write Tenths and Hundredths - Fractions Greater Than 1 as Decimals	Fractions to Decimals: Hundredths				
Lesson 5							
Lesson 6		4.NF.5 (Using Equivalent Fractions to Add Tenths and Hundredths) Focus 1: Finding Equivalent Fractions – Tenths to Hundredths Focus 2: Finding Equivalent Fractions – Hundredths to Tenths 4.NF.6 (Writing Tenths and Hundredths as Decimals) Focus 4: Write Tenths and Hundredths - Decimals as Fractions Focus 6: Identifying Decimals on Number Lines Focus 7: Placing Decimals on Number Lines					
Lesson 7	Decimal Notation and Fractions	4.NF.6 (Writing Tenths and Hundredths as Decimals)	Fractions to Decimals: Tenths		Decimal Notation and Fractions		SLA 4.NF.6

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 4

EngageNY Module 6: Decimal Fractions

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 8		Focus 5: Decimal Notation and Models 4.NF.5 (Using Equivalent Fractions to Add Tenths and Hundredths) Focus 3: Finding Equivalent Fractions Using Base-Ten Blocks	Fractions to Decimals: Hundredths				
<i>Topic C: Decimal Comparison</i>							
Lesson 9		4.NF.7 (Comparing Decimals to the Hundredths Place) Focus 1: Comparing Tenths Focus 2: Comparing Hundredths					
Lesson 10	Comparing Decimals	4.NF.7 (Comparing Decimals to the Hundredths Place) Focus 4: Comparing Tenths and Hundredths Focus 5: Justifying Comparisons of Tenths and Hundredths	Strategies to Compare Decimals	Comparing Decimals			SLA 4.NF.7
Lesson 11							
<i>Topic D: Addition with Tenths and Hundredths</i>							
Lesson 12							
Lesson 13	Fractions: Denominator of 10 or 100	4.NF.5 (Using Equivalent Fractions to Add Tenths and Hundredths) Focus 5: Finding Equivalent Expressions to Add Tenths and Hundredths	Denominators of 10 and 100	Fractions with a Denominator of 10 and 100			SLA 4.NF.5
Lesson 14							
<i>Topic E: Money Amounts as Decimal Numbers</i>							
Lesson 15							

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EngageNY Module 6: Decimal Fractions

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 16	Word Problems Involving Money	4.MD.2 (Solving Measurement Word Problems with the Four Operations) Focus 6: Solving Problems with Money	Converting Measurements: Money	Money: Converting Between Values and Solving Word Problems			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 4

EngageNY Module 7: Exploring Measurement with Multiplication

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Measurement Conversion Tables</i>							
Lesson 1	Customary Length	4.MD.1 (Introduction to Unit Conversions) Focus 3: Converting Customary Lengths and Multiple Conversions	Customary Units of Length	Estimating Measures Using Customary Units Converting Customary Units of Length		More to Pour	
Lesson 2	Customary & Metric Weight	4.MD.1 (Introduction to Unit Conversions)	Customary Units of Weight	Converting Customary Units of Weight			
	Customary & Metric Capacity	Focus 4: Converting Customary Volume and Weight	Customary Units of Capacity	Converting Customary Units of Capacity			
Lesson 3	Converting Units of Time	4.MD.1 (Introduction to Unit Conversions) Focus 5: Converting Units of Time - Part 1 Focus 6: Converting Units of Time - Part 2	Converting Units of Time	Converting Between Larger and Smaller Units of Time			
Lesson 4							
Lesson 5							
<i>Topic B: Problem Solving with Measurement</i>							
Lesson 6		4.MD.2 (Solving Measurement Word Problems with the Four Operations) Focus 3: Using Conversion Tables to Solve Measurement Problems (Metric Liquid Volume)	Converting Measurements: Liquid Volume (Metric)	Solving Word Problems by Converting Metric Units of Capacity			
Lesson 7	Word Problems Involving Length and Distance	4.MD.2 (Solving Measurement Word Problems with the Four Operations)	Converting Customary Measurements: Length/Distance	Measuring Distance Using Customary and Metric Units			
		Focus 2: Using Tape Diagrams to Solve Measurement Problems (Metric Distance)	Converting Metric Measurements: Distance				
Lesson 8		4.MD.2 (Solving Measurement Word Problems with the Four Operations) Focus 5: Using a Tape Diagram to Solve a Customary Weight Problem					

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 4

EngageNY Module 7: Exploring Measurement with Multiplication

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 9							
Lesson 10							
Lesson 11		Word Problems Involving Masses and Liquid Volumes Focus 7: Solving a Multi-Step Customary Volume Measurement Problem	Converting Measurements: Liquid Volume (Customary) Converting Measurements: Liquid Volume (Metric)	Converting Customary Units of Capacity and Word Problems Solving Word Problems by Converting Metric Units of Capacity			
<i>Topic C: Investigation of Measurements Expressed as Mixed Numbers</i>							
Lesson 12							
Lesson 13		Word Problems Involving Intervals of Time Focus 4: Using Yardsticks as Number Lines: Solving Customary Length Problems Focus 8: Solving a Time Problem with a Number Line	4.MD.2 (Solving Measurement Word Problems with the Four Operations) Converting Intervals of Time	Converting Between Larger and Smaller Units of Time Measuring Time Using a Number Line Using Tape Diagrams to Estimate Time and Distance			
Lesson 14							
<i>Topic D: Year in Review</i>							
Lesson 15							
Lesson 16							
Lesson 17							
Lesson 18							