

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 3

EngageNY Module 1: Properties of Multiplication and Division and Solving Problems with Units of 2-5 and 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Multiplication and the Meaning of the Factors</i>							
Lesson 1		3.OA.1 (Interpreting Products of Whole Numbers) Focus 1: Reading Multiplication Expressions Focus 2: Relating Multiplication to Repeated Addition	Multiplication as Equal Groups or Sets	Identifying Multiplication Sentences Using Visuals			
Lesson 2		3.OA.1 (Interpreting Products of Whole Numbers) Focus 4: Equal Groups as Multiplication: Starting with a Model	Multiplication Using Skip Counting and Repeated Addition	Relating Multiplication and Addition			App Operations
Lesson 3	Multiplication Sentences and Word Problems Relating Multiplication and Addition	3.OA.1 (Interpreting Products of Whole Numbers) Focus 5: Equal Groups as Multiplication: Starting with an Equation	Multiplication as Equal Groups or Sets Multiplication Using Skip Counting and Repeated Addition	Identifying Multiplication Sentences Using Visuals Identifying Multiplication Sentences Using Word Problems Applying Skip Counting Relating Multiplication and Addition			SLA 3.OA.1
<i>Topic B: Division as an Unknown Factor Problem</i>							
Lesson 4		3.OA.2 (Interpreting Quotients of Whole Numbers) Focus 1: Partitive Division and Parts of an Equation Focus 5: Writing Equations to Model Partitive Division					
Lesson 5	Relate Division and Subtraction	3.OA.2 (Interpreting Quotients of Whole Numbers) Focus 2: Quotative Division and Repeated Subtraction Focus 4: Writing Equations to Model Quotative Division Focus 3: Dividing Using Skip Counting	Understand Division Using Subtraction	Rewriting a Division Sentence as Repeated Subtraction Solving Division Using Repeated Subtraction on a Number Line			

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	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 6		3.OA.6 (Relating Multiplication and Division – Unknown Factors) Focus 2: Dividing Using Arrays	Understanding Division	Verbally and Visually Representing a Division Equation			
<i>Topic C: Analyzing Arrays to Multiply Using Units of 2 and 3</i>							
Lesson 7							
Lesson 8		3.OA.5 (Applying Properties of Multiplication and Division) Focus 3: Understanding the Commutative Property of Multiplication	Commutative Property of Multiplication	Understanding the Commutative Property			
Lesson 9		3.OA.7 (Multiplying and Dividing within 100) Focus 6: Building up Math Facts					
Lesson 10		3.OA.5 (Applying Properties of Multiplication and Division) Focus 5: Understanding the Distributive Property	Distributive Property of Multiplication	Understanding the Distributive Property		Split the Screen	
<i>Topic D: Division Using Units of 2 and 3</i>							
Lesson 11				Understanding Dividing By 2 Using a Visual			
Lesson 12	Understanding Division and Word Problems	3.OA.2 (Interpreting Quotients of Whole Numbers) Focus 3: Group Size vs. Number of Groups	Understanding Division	Verbally and Visually Representing a Division Equation Writing Division Equations to Solve Word Problems			
Lesson 13	Relating Division to Multiplication	3.OA.6 (Relating Multiplication and Division – Unknown Factors) Focus 4: Dividing Using Bar Models	Relating Division and Multiplication	Relate \times & \div to Identify the Product & Quotient Identifying the Quotient Using Multiplication Identifying a Missing Dividend or Divisor Using Multiplication			

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EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic E: Multiplication and Division Using Units of 4</i>							
Lesson 14							
Lesson 15		Commutative Property		Commutative Property of Multiplication	Understanding the Commutative Property		
Lesson 16				Distributive Property of Multiplication	Understanding the Distributive Property		
Lesson 17			3.OA.4 (Finding the Unknown in Multiplication and Division Equations) Focus 1: Relating Multiplication and Division 3.OA.7 (Multiplying and Dividing within 100) Focus 1: Using Fact Families to Multiply and Divide Fluently				SLA 3.OA.2
<i>Topic F: Distributive Property and Problem Solving Using Units of 2-5 and 10</i>							
Lesson 18							
Lesson 19		Distributive Property	3.OA.5 (Applying Properties of Multiplication and Division) Focus 6: Applying the Distributive Property to a Word Problem	Distributive Property of Multiplication	Understanding the Distributive Property		
Lesson 20				Estimation Using a Number Line Solving 2-Step Word Problems with Equations	Estimating the Solution to a Two-Step Word Problem Identifying the Equation and Solution to a Two-Step Problem		
Lesson 21				Estimation Using a Number Line Solving 2-Step Word Problems with Equations	Estimating the Solution to a Two-Step Word Problem Identifying the Equation and Solution to a Two-Step Problem		SLA 3.OA.6

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 3

EngageNY Module 2: Place Value and Problem Solving with Units of Measure

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Time Measurement and Problem Solving</i>							
Lesson 1							
Lesson 2							
Lesson 3		3.MD.1 (Time to the Minute and Elapsed Time) Focus 3: 3.MD.1 (Time to the Minute and Elapsed Time) 194	Identifying Time Using Clocks	Telling Time to the Nearest Minute			
Lesson 4	Identifying Time Using Clocks	3.MD.1 (Time to the Minute and Elapsed Time) Focus 4: Introduction to Elapsed Time Focus 5: Approaching Problems Involving Elapsed Time Focus 6: Finding Durations of Time	Identifying Time Using Clocks	Telling Time to the Nearest Minute			
Lesson 5	Addition & Subtraction of Time Intervals	3.MD.1 (Time to the Minute and Elapsed Time) Focus 8: Finding Start Time	Addition and Subtraction of Time Intervals	Addition and Subtraction of Time Intervals	Add or Subtract Times		SLA 3.MD.1
<i>Topic B: Measuring Weight and Liquid Volume in Metric Units</i>							
Lesson 6		3.MD.2 (Liquid Volume and Mass) Focus 4: Understanding Mass Focus 6: Measuring Mass					
Lesson 7		3.MD.2 (Liquid Volume and Mass) Focus 5: Estimating Mass	Estimating and Measuring Volume and Mass	Estimating Mass Using Benchmarks			
Lesson 8				Finding Mass Given One-Step Word Problems and a Visual			

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EngageNY Module 2: Place Value and Problem Solving with Units of Measure

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 9		3.MD.2 (Liquid Volume and Mass) Focus 1: Understanding Liquid Volume					
Lesson 10		3.MD.2 (Liquid Volume and Mass) Focus 2: Estimating Liquid Volume Focus 3: Measuring Liquid Volume	Estimating and Measuring Volume and Mass	Estimating Volume Using Benchmarks			
Lesson 11	Estimating & Measuring Volume and Mass Word Problems Involving Mass and Volume	3.MD.2 (Liquid Volume and Mass) Focus 7: Adding and Subtracting to Solve Measurement Problems Focus 8: Multiplying and Dividing to Solve Measurement Problems	Estimating and Measuring Volume and Mass Word Problems Involving Mass and Volume	Estimating Volume Using Benchmarks Estimating Mass Using Benchmarks Finding Mass Given One-Step Word Problems and a Visual Finding Volume Given One-Step Word Problems and a Visual			SLA 3.MD.2
<i>Topic C: Rounding to the Nearest Ten and Hundred</i>							
Lesson 12		3.NBT.1 (Rounding to the Nearest 10 and 100) Focus 1: Number Sandwiches: Finding the Benchmarks Above and Below Focus 2: What's in the Middle?		Rounding Using a Hundreds Chart			
Lesson 13		3.NBT.1 (Rounding to the Nearest 10 and 100) Focus 3: What is Rounding? Rounding to the Nearest 10 on a Number Line		Rounding Using a Hundreds Chart			Round to Nearest Ten -- Within 1,000
Lesson 14	Rounding Using Number Lines and Rounding Hills	3.NBT.1 (Rounding to the Nearest 10 and 100)	Rounding Three-Digit Numbers	Rounding Using Number Lines and Rounding Hills			SLA 3.NBT.1

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EngageNY Module 2: Place Value and Problem Solving with Units of Measure

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
	Place Value and Rounding to the 10s and 100s	Focus 4: Rounding to the Nearest 100 on a Number Line	Rounding and Word Problems				
	Rounding and Word Problems		Rounding Three-Digit Numbers	Rounding to the Nearest Ten or Hundred Using Place Value			
			Rounding and Word Problems	Rounding Using Base Ten Blocks and a Place Value Chart Rounding Using a Hundreds Chart			
<i>Topic D: Two- and Three-Digit Measurement Addition Using the Standard Algorithm</i>							
Lesson 15		3.NBT.2 (Fluently Add and Subtract Up to 1,000) Focus 5: Error Analysis: Addition	Three-Digit Addition Using Regrouping	Adding Two 3-Digit Numbers Using a Place Value Chart			
Lesson 16	Adding in Equations	3.NBT.2 (Fluently Add and Subtract Up to 1,000) Focus 8: Addition Algorithm: Base-Ten Blocks with a Written Record	Three-Digit Addition Using Regrouping	Adding Two 3-Digit Numbers Using a Place Value Chart Identifying the Missing Number in an Addition Sentence Balancing an Addition Equation	Add 3-Digit Numbers: No Regrouping		
Lesson 17							
<i>Topic E: Two- and Three-Digit Measurement Subtraction Using the Standard Algorithm</i>							
Lesson 18			Subtract Three-Digit Numbers Using Regrouping	Subtracting Two 3-Digit Numbers Using a Place Value Chart			
Lesson 19	Subtraction	3.NBT.2 (Fluently Add and Subtract Up to 1,000) Focus 6: Error Analysis: Subtraction	Subtract Three-Digit Numbers Using Regrouping	Subtracting Two 3-Digit Numbers Using a Place Value Chart Identifying the Missing Number in a 3-Digit Subtraction Problem Balancing a Subtraction Equation		Subtract 3-Digit Numbers: No Regrouping	SLA 3.NBT.2
Lesson 20							

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EngageNY Module 2: Place Value and Problem Solving with Units of Measure

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments

Lesson 21

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 3

EngageNY Module 3: Multiplication and Division with Units of 0, 1, 6-9, and Multiples of 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: The Properties of Multiplication and Division</i>							
Lesson 1			Commutative Property of Multiplication	Understanding the Commutative Property			
Lesson 2			Distributive Property of Multiplication Commutative Property of Multiplication	Understanding the Distributive Property Understanding the Commutative Property			
Lesson 3		3.OA.8 (Solving Two-Step Word Problems with the Four Operations) Focus 1: Using a Letter to Represent an Unknown Number					
<i>Topic B: Multiplication and Division Using Units of 6 and 7</i>							
Lesson 4							
Lesson 5		3.OA.7 (Multiplying and Dividing within 100) Focus 7: Related Facts – Multiplication and Division					
Lesson 6			Distributive Property of Multiplication	Understanding the Distributive Property			
Lesson 7			Distributive Property of Multiplication	Understanding the Distributive Property			
<i>Topic C: Multiplication and Division Using Units up to 8</i>							
Lesson 8		3.OA.7 (Multiplying and Dividing within 100) Focus 2: Applying Properties to Multiply within 100 3.OA.8 (Solving Two-Step Word Problems with the Four Operations) Focus 3: Solving Problems Using the Basic Order of Operations					
Lesson 9			Associative Property of Multiplication	Understanding the Associative Property			
Lesson 10			Distributive Property of Multiplication	Understanding the Distributive Property			

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EngageNY Module 3: Multiplication and Division with Units of 0, 1, 6-9, and Multiples of 10

EngageNY Lessons	TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Assessments
Lesson 11	Solving Multiplication and Division Verbally	3.OA.3 (Solving Word Problems by Multiplying and Dividing Within 100)	Identify Missing Factors	Identifying Multiplication Sentences Using Word Problems		SLA 3.OA.3
		Focus 1: (Using Picture Models to Solve Multiplication Word Problems)	Identify Missing Numbers in Division	Verbally and Visually Representing a Division Equation		
		Focus 3: Using Picture Models and Arrays to Solve Division Word Problems		Finding Unknown Factors in Multiplication Equations		
		3.OA.4 (Finding the Unknown in Multiplication and Division Equations)				
		Focus 3: Writing Story Problems to Match Multiplication Equations				
		Focus 4: Writing Story Problems to Match Division Equations				
		Focus 6: Solving for an Unknown Number of Objects in Each Group				
<i>Topic D: Multiplication and Division Using Units of 9</i>						
Lesson 12			Distributive Property of Multiplication	Understanding the Distributive Property		
Lesson 13						
Lesson 14	Doubles and Halves (Division Problems)	3.OA.7 (Multiplying and Dividing within 100)	Dividing Using Doubles and Halves	Understanding Dividing By 2 Using a Visual		
	Fluently Solve Multiplication Problems	Focus 5: Knowing your 9s	Word Problems and Multiplication	Doubles and Halving Division Problems		
	Fluently Solve Division Problems		Understanding Division	Identifying Multiplication Sentences Using Word Problems		
				Decomposing Numbers to Multiply		
				Solving Division Word Problems Using Model Sets		
				Identifying the Quotient Using Multiplication		
Lesson 15	Identifying Missing Factors and Equations: Multiplication	3.OA.4 (Finding the Unknown in Multiplication and Division Equations)	Identify Missing Factors	Identifying Multiplication Sentences Using Word Problems		SLA 3.OA.4

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EngageNY Module 3: Multiplication and Division with Units of 0, 1, 6-9, and Multiples of 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
	Identifying Missing Divisors, Dividends, and Equations	Focus 2: Finding the Unknown Product	Identify Missing Numbers in Division	Finding Unknown Factors in Multiplication Equations			
		Focus 5: Solving for an Unknown Number of Groups		Writing Division Equations to Solve Word Problems			
<i>Topic E: Analysis of Patterns and Problem Solving Including Units of 0 and 1</i>							
Lesson 16	Identity and Zero Property	3.OA.5 (Applying Properties of Multiplication and Division) Focus 1: Understanding the Identity Property of Multiplication Focus 2: Understanding the Zero Property of Multiplication	Identity and Zero Properties of Multiplication	Understanding the Identity and Zero Properties			
Lesson 17	Identify Arithmetic Patterns Using Multiplication Tables Applying Multiplication Strategies	3.OA.9 (Arithmetic Patterns) Focus 5: Identifying Patterns on a Multiplication Table Focus 6: Patterns in Odd and Even Products 3.OA.7 (Multiplying and Dividing within 100) Focus 3: Knowing your 2s, 4s, and 8s Focus 4: Knowing Your 5s and 10s	Patterns on a Multiplication Chart Using Multiplication Facts as a Strategy	Identifying Arithmetic Patterns Using a Multiplication Table Multiplication Using Doubles Facts Decomposing Numbers to Multiply	Multiply Within 100 Divide Within 100		SLA 3.OA.7
Lesson 18		Focus 4: Solving Word Problems Using Tape Diagrams Focus 7: Assessing the Reasonableness of an Answer	Estimation Using a Number Line Solving 2-Step Word Problems with Equations	Estimating the Solution to a Two-Step Word Problem Identifying the Equation and Solution to a Two-Step Problem			
<i>Topic F: Multiplication of Single-Digit Factors and Multiples of 10</i>							
Lesson 19		3.OA.9 (Arithmetic Patterns)		Multiplying a 1-digit Number by Multiples of 10 Using Visuals			

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EngageNY Module 3: Multiplication and Division with Units of 0, 1, 6-9, and Multiples of 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 1: Introducing Patterns 3.NBT.3 (Products of 1-Digit Numbers and Multiples of 10) Focus 2: Multiplying Values by 10					
Lesson 20	Associative Property	3.OA.5 (Applying Properties of Multiplication and Division) Focus 4: Understanding the Associative Property of Multiplication Focus 7: Applying Properties of Operations to Make Problems Easier 3.NBT.3 (Products of 1-Digit Numbers and Multiples of 10) Focus 3: Using Properties to Scaffold Multiplication of Decade Numbers	Associative Property of Multiplication	Understanding the Associative Property			SLA 3.OA.5
Lesson 21	Multiplication by Multiples of 10 Solving Word Problems Using Equations & Estimation	Focus 4: Pattern Hunt Focus 5: Product Bubbles 3.OA.8 (Solving Two-Step Word Problems with the Four Operations) Focus 5: Solving Word Problems Using Equations	Multiplication Using Facts and Patterns Estimation Using a Number Line Solving 2-Step Word Problems with Equations	Multiplying a 1-digit Number by Multiples of 10 Using Visuals Identifying the Missing Factor Using Place Value Balancing a Multiplication Equation Identifying Equivalent Multiplication Expressions Estimating the Solution to a Two-Step Word Problem Identifying the Equation and Solution to a Two-Step Problem			SLA 3.OA.8 SLA 3.NBT.3

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EngageNY Module 4: Multiplication and Area

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Foundations for Understanding Area</i>							
Lesson 1		3.MD.5 (Understanding Area Measurement) Focus 1: Defining Area Focus 3: Comparing Areas Focus 4: Equipartitioning and Unit Squares Focus 6: Understanding Tiling					
Lesson 2		3.MD.5 (Understanding Area Measurement) Focus 5: Understanding Unit Squares 3.MD.6 (Measuring Area by Counting Unit Squares) Focus 4: Labeling Area Measurements Focus 5: Constructing Rectangles Focus 6: Finding All Possible Rectangles with a Given Area					
Lesson 3	Identifying Area of Rectangles Made up of Unit Squares	3.MD.6 (Measuring Area by Counting Unit Squares) Focus 2: Measuring Area by Counting Unit Squares Focus 7: Compensatory Principle of Measurement - Covering the Same Area Focus 8: Compensatory Principle of Measurement - Using the Same Number of Tiles	Area of Rectangles Using Unit Squares	Identifying the Area of a Rectangle with Appropriate Units Understanding Area of Rectangles by Counting Unit Squares			
Lesson 4	Find Areas of Squares and Rectangles with Unit Squares	3.MD.5 (Understanding Area Measurement)	Area of Rectangles Using Unit Squares	Identifying Area of a Rectangle by Counting Unit Squares			SLA 3.MD.5

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EngageNY Module 4: Multiplication and Area

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
	Comparing Areas	Focus 7: Using Unit Squares to Measure Area 3.MD.6 (Measuring Area by Counting Unit Squares) Focus 1: Identifying Length and Width	Area of Rectangles Using Unit Squares	Identifying Area of a Rectangle by Counting Unit Squares Understanding Area of Rectangles by Counting Unit Squares			
<i>Topic B: Concepts of Area Measurement</i>							
Lesson 5		3.MD.7a (Relating Area to Multiplication) Focus 3: Relating Area and Arrays					
Lesson 6							
Lesson 7		3.MD.7a (Relating Area to Multiplication) Focus 2: Dimensions and the Commutative Property 3.MD.7c (Area Models and the Distributive Property) Focus 6: Conservation of Area Under Rotation					
Lesson 8	Length, Width, and Area	3.MD.7a (Relating Area to Multiplication) Focus 4: Comparing Strategies Focus 5: Finding Area Efficiently	Understanding Area	Using Repeated Addition and Multiplication to Find Area Identifying Length and Width Comparing Areas of Rectangles			
<i>Topic C: Arithmetic Properties Using Area Models</i>							
Lesson 9		3.MD.7d (Area Is Additive) Focus 2: Area Is Additive (Conservation of Area over Composition/Decomposition)					
Lesson 10	Area Models and the Distributive Property	Focus 1: Area and the Distributive Property - Part 1	Using the Distributive Property to Find Area	Using Area Models and the Distributive Property to Find the Area			

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EngageNY Module 4: Multiplication and Area

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 2: Area and the Distributive Property - Part 2 Focus 3: Tiling and the Distributive Property Focus 4: Equivalent Expressions for Finding Area Focus 5: Identifying Expressions with the Distributive Property					
Lesson 11		3.MD.7b (Solving Area Problems)					
		Focus 3: Finding Missing Side Lengths: Part 1 Focus 4: Finding Missing Side Lengths: Part 2					
<i>Topic D: Applications of Area Using Side Lengths of Figures</i>							
Lesson 12		3.MD.7b (Solving Area Problems)					
		Focus 2: Representing Word Problems Using Area Models Focus 5: Finding Missing Side Lengths: Part 3					
Lesson 13		3.MD.7d (Area Is Additive)	Decomposing Figures to Find Area				
		Focus 3: Decomposing Figures into Rectangles Focus 4: Decomposing Figures to Find Area in Multiple Ways					
Lesson 14		3.MD.7d (Area Is Additive)	Decomposing Figures to Find Area				
		Focus 5: Finding Missing Side Lengths Focus 6: Finding the Area of Compound Figures					
Lesson 15	Multiplying to Find the Area of Rectangles	3.MD.7b (Solving Area Problems)	Understanding Area	Using Repeated Addition and Multiplication to Find Area			
		Focus 6: Comparing Areas		Comparing Areas of Rectangles			

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EngageNY Module 4: Multiplication and Area

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 7: Choosing the Largest Area					
Lesson 16	Decomposing Rectilinear Figures to Find the Area	Focus 7: Solving Multi-Step Real-World Area Problems with Compound Figures	Decomposing Figures to Find Area	Applying the Area Formula to Solve Real World Problems			SLA 3.MD.7

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EngageNY Module 5: Fractions as Numbers on the Number Line

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Partition a Whole into Equal Parts</i>							
Lesson 1		3.G.2 (Partitioning into Equal Areas) Focus 1: Partitioning Circles and Rectangles into Halves, Fourths, and Eighths					
Lesson 2		3.G.2 (Partitioning into Equal Areas) Focus 2: Partitioning Circles and Rectangles into Thirds and Sixths	Understanding Fractions Through Area Models	Partitioning Shapes and Writing Fractions			
Lesson 3			Understanding Fractions Through Area Models	Partitioning Shapes and Writing Fractions			
Lesson 4	Partitioned Shapes	3.G.2 (Partitioning into Equal Areas) Focus 4: Partitioning Other Shapes	Understanding Fractions Through Area Models	Partitioning Shapes and Writing Fractions			SLA 3.G.2
<i>Topic B: Unit Fractions and their Relation to the Whole</i>							
Lesson 5		3.NF.1 (Understanding Unit and Composite Fractions) Focus 1: Partitioning Wholes Focus 2: Finding Unit Fractions					
Lesson 6							
Lesson 7		3.NF.1 (Understanding Unit and Composite Fractions) Focus 4: Reasoning from Part to Whole 3.G.2 (Partitioning into Equal Areas) Focus 5: Reasoning from Part to Whole and Finding Missing Parts					
Lesson 8							

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EngageNY Module 5: Fractions as Numbers on the Number Line

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 9	Fractions and Area Models	3.NF.1 (Understanding Unit and Composite Fractions)	Understanding Fractions Through Area Models	Partitioning Shapes Using Models			SLA 3.NF.1
	Fractions and Length Models	Focus 5: Counting to Find Composite Fractions	Understanding Fractions Using Length Models	Identifying Fractions Using Length Models			
<i>Topic C: Comparing Unit Fractions and Specifying the Whole</i>							
Lesson 10		3.NF.3 (Understanding Equivalent Fractions)					
		Focus 9: (Comparing Fractions with Like Denominators)					
Lesson 11						Peculiar Pizzas	
Lesson 12							
Lesson 13		3.NF.3 (Understanding Equivalent Fractions)					
		Focus 11: Comparing Fractions with the Same Whole					
<i>Topic D: Fractions on the Number Line</i>							
Lesson 14		3.NF.2 (Relating Fractions to Number Lines)	Understanding Fractions Using Number Lines	Identifying Fractions Using Number Lines			
		Focus 1: 3.NF.2 (Relating Fractions to Number Lines) 28					
Lesson 15	Fractions with Number Lines 0-1	3.NF.2 (Relating Fractions to Number Lines)					
		Focus 2: Naming Equal Parts on a Number Line	Understanding Fractions Using Number Lines	Identifying Fractions Using Number Lines			
		Focus 3: Locating Unit Fractions on Number Lines					
Lesson 16		Focus 4: Counting to Find Composite Fractions	Understanding Fractions Using Number Lines	Identifying Fractions Using Number Lines			
Lesson 17	Fractions with Number Lines 0-4	3.NF.2 (Relating Fractions to Number Lines)	Extend the Number Line to Explore Fractions	Identifying Fractions Using Number Lines			SLA 3.NF.2
		Focus 5: Locating Composite Fractions on Number Lines					

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EngageNY Module 5: Fractions as Numbers on the Number Line

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 18							
Lesson 19							
<i>Topic E: Equivalent Fractions</i>							
Lesson 20							
Lesson 21		3.NF.3 (Understanding Equivalent Fractions) Focus 3: Making Equivalent Fractions with Number Lines (Less than 1)					
Lesson 22		3.NF.3 (Understanding Equivalent Fractions) Focus 1: Making Equivalent Fractions with Area Models Focus 2: Making Equivalent Fractions with Length Models	Identifying Equivalent Fractions	Identifying Equivalent Fractions Using Models and Number Lines			
Lesson 23		3.NF.3 (Understanding Equivalent Fractions) Focus 4: Making Equivalent Fractions with Number Lines (Greater than 1)	Identifying Equivalent Fractions	Identifying Equivalent Fractions Using Models and Number Lines			
Lesson 24		3.NF.3 (Understanding Equivalent Fractions) Focus 6: Whole Numbers and Fractions with Area/Length Models	Writing Whole Numbers as Fractions	Identifying Wholes Using Models and Number Lines			
Lesson 25	Whole Numbers as Fractions	3.NF.3 (Understanding Equivalent Fractions) Focus 7: Whole Numbers and Fractions with Number Lines	Writing Whole Numbers as Fractions	Identifying Wholes Using Models and Number Lines			
Lesson 26							
Lesson 27	Equivalent Fractions		Identifying Equivalent Fractions	Identifying Equivalent Fractions Using Models and Number Lines			
<i>Topic F: Comparison, Order, and Size of Fractions</i>							

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EngageNY Module 5: Fractions as Numbers on the Number Line

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 28						Deep Dish Fractions	
Lesson 29	Comparing Fractions	3.NF.3 (Understanding Equivalent Fractions) Focus 10: Comparing Fractions with Like Numerators	Comparing Fractions	Comparing Fractions Using Words and Symbols			
Lesson 30							SLA 3.NF.3

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 3

EngageNY Module 6: Collecting and Displaying Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Generate and Analyze Categorical Data</i>							
Lesson 1		3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 1: Collecting Data and Creating Picture Graphs by Ones					
Lesson 2							
Lesson 3		3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 3: Creating Scaled Bar Graphs					
Lesson 4	Solving Problems with Scaled Bar Graphs	3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 6: Solving Problems Based on Scaled Graphs	One- and Two-Step Problems Using Graphs	Reading Bar Graphs			SLA 3.MD.3
<i>Topic B: Generate and Analyze Measurement Data</i>							
Lesson 5		3.MD.4 (Showing Measurement Data on a Line Plot: Halves and Quarters) Focus 1: Halves on a Ruler Focus 2: Quarters on a Ruler					
Lesson 6		3.MD.4 (Showing Measurement Data on a Line Plot: Halves and Quarters) Focus 4: Answering Questions about Line Plots					
Lesson 7			Representing Data Sets				
Lesson 8		3.MD.4 (Showing Measurement Data on a Line Plot: Halves and Quarters) Focus 3: Number Line to Line Plot					
Lesson 9	Representing Data Sets that Involve Length		Representing Data Sets	Answering Questions About Line Plots: Fractions			SLA 3.MD.4

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 3

EngageNY Module 7: Geometry and Measurement Word Problems

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Solving Word Problems</i>							
Lesson 1							
Lesson 2							
Lesson 3							
<i>Topic B: Attributes of Two-Dimensional Figures</i>							
Lesson 4		3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 1: Sorting Quadrilaterals by Side Lengths, Part 1 Focus 2: Sorting Quadrilaterals by Side Lengths, Part 2					
Lesson 5		3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 3: Sorting Shapes by Square Angles					
Lesson 6	Identifying Quadrilaterals	3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 5: Drawing Quadrilaterals with Shared Attributes	Identifying Quadrilaterals	Identifying Quadrilaterals			SLA 3.G.1
Lesson 7							
Lesson 8							
Lesson 9							
<i>Topic C: Problem Solving with Perimeter</i>							
Lesson 10		3.MD.8 (Solving Perimeter Problems) Focus 1: Perimeter with Models					
Lesson 11							

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EngageNY Module 7: Geometry and Measurement Word Problems

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 12		3.MD.8 (Solving Perimeter Problems)					
		Focus 3: Perimeter of Irregular Shapes with No Grids					
Lesson 13							
Lesson 14		3.MD.8 (Solving Perimeter Problems)					
		Focus 4: Missing Sides and Perimeter					
Lesson 15			Perimeter and Word Problems	Identifying Perimeter Mathematically			
Lesson 16							
Lesson 17	Using Perimeter in Word Problems	3.MD.8 (Solving Perimeter Problems)	Perimeter and Word Problems	Identifying Perimeter Mathematically			
		Focus 5: Missing Sides with Rectilinear Shapes					
<i>Topic D: Recording Perimeter and Area Data on Line Plots</i>							
Lesson 18							
Lesson 19							
Lesson 20							
Lesson 21							
Lesson 22		3.MD.4 (Showing Measurement Data on a Line Plot: Halves and Quarters)	Representing Data Sets				
		Focus 5: Make a Line Plot and Pose Questions					
<i>Topic E: Problem Solving with Perimeter and Area</i>							
Lesson 23							
Lesson 24							

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EngageNY Module 7: Geometry and Measurement Word Problems

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 25							
Lesson 26							
Lesson 27		3.MD.8 (Solving Perimeter Problems)				Zoo Designer	
		Focus 6: Same Perimeter, Different Area					
Lesson 28	Identifying Perimeter Mathematically	3.MD.8 (Solving Perimeter Problems)	Understanding Perimeter	Identifying Perimeter Mathematically			
		Focus 7: Same Area, Different Perimeter					
Lesson 29							
Lesson 30							SLA 3.MD.8
<i>Topic F: Year in Review</i>							
Lesson 31							
Lesson 32							
Lesson 33							
Lesson 34							