

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 1: Sums and Differences to 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Foundations for Fluency with Sums and Differences Within 100</i>							
Lesson 1							
Lesson 2							
<i>Topic B: Initiating Fluency with Addition and Subtraction Within 100</i>							
Lesson 3	Doubling and Compensating to Solve Addition Problems	2.OA.2 (Mental Math Within 20) Focus 4: Making a 10 to Add Up to 20	Simplifying Addition with Doubles and Tens	Using Number Lines and Compensation to Subtract 2-Digit Numbers Adding Using Doubles Adding Using Compensation			
Lesson 4	Fact Families and Related Facts	2.OA.2 (Mental Math Within 20) Focus 2: Relating Addition and Subtraction	Fact Families and Related Facts	Addition and Subtraction Fact Families Using Related Addition and Subtraction Facts to Solve Problems			
Lesson 5		2.OA.2 (Mental Math Within 20) Focus 6: Decomposing a Number to Subtract					
Lesson 6	Two-Digit and Two-Digit Addition One- and Two-Digit Addition	2.NBT.5 (Fluent Addition and Subtraction within 100) Focus 3: Adding and Subtracting within 100 Using Friendly Numbers	2-Digit Addition Trading to Add	Addition: Make a Ten First Decomposing Numbers To Add Adding a 1-Digit Number and a 2-Digit Number			
Lesson 7	Properties of Addition	2.NBT.5 (Fluent Addition and Subtraction within 100) Focus 5: Introducing the Commutative Property of Addition	Properties of Addition	Add 2-Digit Numbers Using Commutative & Associative Properties Understanding the Identity Property Visually			

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EngageNY Module 1: Sums and Differences to 10

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 6: Introducing the Associative Property of Addition Focus 7: Introducing the Identity Property of Addition					
Lesson 8	Identifying the Difference Numerically	2.OA.1 (Solving Word Problems by Adding and Subtracting within 100) Focus 3: Solving 1-Step Take-From Problems with Start or Change Unknown	Finding the Difference	Using Place Value Mats to Subtract 1- and 2-Digit Numbers Subtract 2-Digit Numbers Using Base-Ten Blocks			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 2: Addition and Subtraction of Length Units

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Understand Concepts About the Ruler</i>							
Lesson 1		2.MD.1 (Measuring Length in Standard Units) Focus 1: Making a Ruler					
Lesson 2							
Lesson 3		2.MD.1 (Measuring Length in Standard Units) Focus 2: Using a Standard Ruler			Measuring with a Ruler		
<i>Topic B: Measure and Estimate Length Using Different Measurement Tools</i>							
Lesson 4		2.MD.1 (Measuring Length in Standard Units) Focus 3: Where Do I Line Up My Object?			Measuring with a Ruler		
Lesson 5		2.MD.3 (Estimating Measurements) Focus 5: Benchmarks for Centimeters and Meters	Measuring and Estimating Objects with Customary Units Measuring and Estimating Objects with Metric Units		Estimating Measures Using Customary Units Estimating Measures Using Metric Units		
<i>Topic C: Measure and Compare Lengths Using Different Length Units</i>							
Lesson 6		2.MD.3 (Estimating Measurements) Focus 2: Measure Objects in Centimeters and Meters	Measuring and Estimating Objects with Metric Units		Estimating Measures Using Metric Units		
Lesson 7		2.MD.4 (Comparing Measurements and Finding the Difference) Focus 2: Measuring Objects in Centimeters with Visuals Focus 6: Finding the Difference in Length in Centimeters					

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EngageNY Module 2: Addition and Subtraction of Length Units

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Topic D: Relate Addition and Subtraction to Length							
Lesson 8		2.MD.6 (Using a Number Line Diagram) Focus 4: Relating Subtraction to Rulers	Addition on the Number Line Subtraction on the Number Line	Adding 3-Digit Numbers Using a Number Line Subtracting 3-Digit Numbers Using a Number Line			
Lesson 9	Measuring Objects	2.MD.1 (Measuring Length in Standard Units) Focus 5: Standard Measurement Units and Tools	Measuring and Estimating Objects with Customary Units	Using the Appropriate Measuring Tool Measuring with a Ruler			
Lesson 10		2.MD.6 (Using a Number Line Diagram) Focus 6: Using the Number Line to Add Focus 7: Using the Number Line to Subtract					SLA 2.MD.1

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 3: Place Value, Counting, and Comparison of Numbers to 1000

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Forming Base Ten Units of Ten, a Hundred, and a Thousand</i>							
Lesson 1	Place Value to 100 with Visuals	2.NBT.1 (Numbers in Base Ten: Understanding Place Value in a Three-Digit Number)	Place Value to 100	Using Arrays to Make Groups of Ten			
	Place Value to 100: Tens, Ones, and Various Forms	Focus 2: Understanding 3-Digit Numbers	Place Value with Regrouping	Finding Tens and Ones Using Objects and Bundles			
	100 as a Bundle of 10s	Focus 3: Understanding a Hundred		Finding the Value of a Digit			
				Finding the Number of Tens and Ones Using Place Value			
				Trading Tens for Hundreds			
<i>Topic B: Understanding Place Value Units of One, Ten, and a Hundred</i>							
Lesson 2		2.NBT.2 (Skip Counting by 5s, 10s, and 100s)					
		Focus 1: Counting Forward and Backward by 1					
Lesson 3	Skip Count by 2, 5, 10	2.NBT.2 (Skip Counting by 5s, 10s, and 100s)	Skip Count by 2, 5, 10, and 100	Skip Counting by 2, 5, 10 Using a Number Line			
		Focus 3: Skip Counting by 10s		Skip Counting by 2, 5, 10 Using a Hundreds Chart			
<i>Topic C: Three-Digit Numbers in Unit, Standard, Expanded, and Word Forms</i>							
Lesson 4		2.NBT.3 (Read and Write Numbers in Number, Word, and Expanded Form)					
		Focus 1: Reading and Writing Numbers in Standard Form					
Lesson 5		2.NBT.3 (Read and Write Numbers in Number, Word, and Expanded Form)			Find the Number from Words - Within 1,000		
		Focus 3: Reading and Writing Numbers in Word Form					
Lesson 6		2.NBT.3 (Read and Write Numbers in Number, Word, and Expanded Form)			Find the Number from Expanded Form - Within 1,000		
		Focus 2: Reading and Writing Numbers in Expanded Form					

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EngageNY Module 3: Place Value, Counting, and Comparison of Numbers to 1000

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 7	Read and Write Numbers to 100	2.NBT.3 (Read and Write Numbers in Number, Word, and Expanded Form)	Reading and Writing Numbers with Visual Models	Numbers in Standard, Expanded, and Word Form (to 100)			
	Read and Write Numbers to 1,000	Focus 4: Practice Reading and Writing Numbers in Multiple Ways					
<i>Topic D: Modeling Base Ten Numbers Within 1,000 with Money</i>							
Lesson 8					Finding the Value of Dollar Bills and Comparing Their Values		
Lesson 9							
Lesson 10							
<i>Topic E: Modeling Numbers Within 1,000 with Place Value Disks</i>							
Lesson 11	Place Value to 1,000 with Base Ten Blocks	2.NBT.1 (Numbers in Base Ten: Understanding Place Value in a Three-Digit Number)	Place Value with Regrouping	Using Base Ten Blocks to Identify Numbers to 1000			
	Reading and Writing Numbers with Visual Models	Focus 4: Making 3-Digit Numbers in Many Ways	Place Value to 1000	Using Place Value Charts to Identify Number Place and Value			
		2.NBT.3 (Read and Write Numbers in Number, Word, and Expanded Form)	Reading and Writing Numbers with Visual Models	Standard, Expanded, and Word Form Using Base Ten Blocks			
		Focus 5: Composing Numbers					
Lesson 12	Place Value to 1,000 with Place Value Charts	2.NBT.1 (Numbers in Base Ten: Understanding Place Value in a Three-Digit Number)	Place Value to 1000	Using Place Value Charts to Identify Number Place and Value			
		Focus 1: Making 1 Ten and 1 Hundred					

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EngageNY Module 3: Place Value, Counting, and Comparison of Numbers to 1000

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 13					Find the Number from Hundreds, Tens, Ones		
Lesson 14							
Lesson 15							SLA 2.NBT.1
<i>Topic F: Comparing Two Three-Digit Numbers</i>							
Lesson 16		2.NBT.4 (Comparing 3-Digit Numbers)	Comparing Numbers		Comparing Numbers & Base Ten Blocks Using Words & Symbols		
		Focus 2: Comparing 2 Numbers Using Symbols					
		Focus 3: Comparing a 2-Digit Number to a 3-Digit Number					
Lesson 17		2.NBT.4 (Comparing 3-Digit Numbers)	Comparing Numbers		Comparing Numbers & Base Ten Blocks Using Words & Symbols		
		Focus 5: Writing Comparison Explanations					
		Focus 6: Solving Comparison Problems					
Lesson 18	Comparing Two Three-Digit Numbers	2.NBT.4 (Comparing 3-Digit Numbers)	Comparing Numbers		Comparing Numbers & Base Ten Blocks Using Words & Symbols	Compare Numbers - within 1,000	
		Focus 4: Comparing Numbers on a Number Line					
<i>Topic G: Finding 1, 10, and 100 More or Less than a Number</i>							
Lesson 19		2.NBT.8 (Mentally Adding and Subtracting 10 and 100 to Three-Digit Numbers)					
		Focus 1: Using Base-Ten Blocks to Add 10					
		Focus 2: Using Base-Ten Blocks to Add 100					
		Focus 3: Using Base-Ten Blocks to Subtract 10 and 100					

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EngageNY Module 3: Place Value, Counting, and Comparison of Numbers to 1000

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 20	Skip Count by 5, 10, 100	2.NBT.2 (Skip Counting by 5s, 10s, and 100s)	Skip Count by 2, 5, 10, and 100	Skip Counting by 2, 5, 10 Using a Number Line			
		Focus 4: Skip Counting by 100s	Counting by 10s	Skip Counting by 2, 5, 10 Using a Hundreds Chart			
		2.NBT.8 (Mentally Adding and Subtracting 10 and 100 to Three-Digit Numbers)	Counting by 100s	Applying Skip Counting by 5s and 10s Using Word Problems			
		Focus 4: Using a Hundreds Chart to Add and Subtract 10		Making Patterns Using Tens			
		Focus 5: Using a Hundreds Chart to Add and Subtract 100		Identifying 10 More or Less			
				Making Patterns Using 100s			
				Identifying 100 More or Less			
Lesson 21		2.NBT.2 (Skip Counting by 5s, 10s, and 100s)			Count by 2s, 5s, 10s, 100, - Up to 1,000		SLA 2.NBT.2
		Focus 5: Relating Skip Counting and Repeated Addition					

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 4: Addition and Subtraction Within 200 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Sums and Differences Within 100</i>							
Lesson 1			Counting by 10s	Identifying 10 More or Less			
Lesson 2			Counting by 10s	Identifying 10 More or Less			
Lesson 3							
Lesson 4							
Lesson 5							
<i>Topic B: Strategies for Composing a Ten</i>							
Lesson 6							
Lesson 7							
Lesson 8	One- and Two-Digit Subtraction with Regrouping	2.NBT.5 (Fluent Addition and Subtraction within 100) Focus 8: Applying Strategies for Addition and Subtraction within 100	Subtraction on the Number Line	Subtracting 1- & 2-Digit Numbers Using Regrouping by Adding Up			
				2.NBT.9 (Explaining Why Addition and Subtraction Strategies Work) Focus 1: Relating Models to Addition and Subtraction Problems	Subtracting 1- & 2-Digit Numbers by Using Friendly Numbers	Adding Using Compensation	
				Add 2-Digit Numbers Using Commutative & Associative Properties			
				Add 3-Digit Numbers Using Base Ten Blocks & Place Value Mat			
Lesson 9							
Lesson 10		2.NBT.7 Strategies for Adding and Subtracting within 1,000) Focus 2: Adding by Place Value with Numbers within 1,000					

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EngageNY Module 4: Addition and Subtraction Within 200 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Topic C: Strategies for Decomposing a Ten							
Lesson 11	<p>Subtract with Two Digits and No Regrouping: Tens and Ones</p> <p>Subtract Two- and One-Digit Without Regrouping: Tens and Ones</p>	<p>2.NBT.5 (Fluent Addition and Subtraction within 100)</p> <p>Focus 1: Using Place Value to Add and Subtract within 100</p>	Subtraction with No Regrouping	<p>Subtracting 2-Digit Numbers By Decomposing Using Place Value</p> <p>Subtracting 2-Digit Numbers By Keeping One Number Whole and the Other in Parts</p> <p>Subtracting 2-Digit and 1-Digit Numbers By Decomposing</p>			
Lesson 12	<p>Solving One-Step Word Problems with Missing Addends</p>	<p>2.OA.1 (Solving Word Problems by Adding and Subtracting within 100)</p> <p>Focus 2: Solving 1-Step Add-To Problems with Start or Change Unknown</p>	Finding Missing Addends in Word Problems	<p>Identifying the Missing Numbers By Relating 3 Whole Numbers</p> <p>Find the Change - Real World Problems Using Visuals</p> <p>Find the First Addend - Real World Problems Using Visuals</p>			
Lesson 13							
Lesson 14							
Lesson 15							SLA 2.NBT.5
Lesson 16	<p>Identifying the Difference in One-Step Word Problems</p> <p>Identify the Missing Number in Subtraction Problems (One Step)</p> <p>Solving Addition Word Problems with Mixed Strategies</p>	<p>2.OA.1 (Solving Word Problems by Adding and Subtracting within 100)</p> <p>Focus 5: Solving 1-Step Comparison Problems with a Bigger or Smaller Unknown - Part 1</p> <p>Focus 6: Solving 1-Step Comparison Problems with a Bigger or Smaller Unknown - Part 2</p>	<p>Finding the Difference in Word Problems</p> <p>Finding the Missing Number in Subtraction Problems</p> <p>Solving Addition Problems with Mixed Strategies</p>	<p>Find the Difference - Real World Problems Using Visuals</p> <p>Find the Difference Using Comparison Problems</p> <p>Find the Change Using Visuals</p> <p>Find the Start - Real World Problems Using Visuals</p> <p>Find the Numbers Using Comparison Problems</p> <p>Identifying Both Addends</p>			

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EngageNY Module 4: Addition and Subtraction Within 200 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
				Find the Numbers Using Comparison Problems			
<i>Topic D: Strategies for Composing Tens and Hundreds</i>							
Lesson 17							
Lesson 18							
Lesson 19							
Lesson 20							
Lesson 21							
Lesson 22	<p>Adding Lots of Numbers Using Properties of Addition</p> <p>Adding Lots of Numbers Using Place Value</p>	<p>2.NBT.6 (Adding Four Two-Digit Numbers Using Place Value and Properties)</p> <p>Focus 1: Adding Using Base-Ten Blocks</p> <p>Focus 2: Adding Using Place Value</p> <p>Focus 3: Adding Using Properties of Addition and No Visuals</p> <p>Focus 4: Solving Story Problems</p> <p>Focus 5: Applying Strategies for Adding up to Four Two-Digit Numbers</p>	<p>Adding Using Properties</p> <p>Adding Lots of Numbers Using Place Value</p>	<p>Add 2-Digit Numbers Using Commutative & Associative Properties</p> <p>Adding Multiple 2-Digit Numbers Using Place Value</p>			
<i>Topic E: Strategies for Decomposing Tens and Hundreds</i>							
Lesson 23							
Lesson 24							
Lesson 25							

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EngageNY Module 4: Addition and Subtraction Within 200 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 26							
Lesson 27							
Lesson 28							
<i>Topic F: Student Explanations of Written Methods</i>							
Lesson 29							
Lesson 30							
Lesson 31	<p>Solving Two-Step Addition Problems</p> <p>Solving Two-Step Addition and Subtraction Word Problems</p>	<p>2.OA.1 (Solving Word Problems by Adding and Subtracting within 100)</p> <p>Focus 4: Solving 2-Step Take-From Problems</p> <p>Focus 7: Solving 2-Step Problems with Mixed Operations</p>	<p>Two-Step Addition Word Problems</p> <p>Solve Two-Step Word Problems</p>	<p>Solving Two-Step Addition Word Problems</p> <p>Solving Two-Step Addition and Subtraction Word Problems</p>			SLA 2.OA.1

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EngageNY Module 5: Addition and Subtraction Within 1000 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Strategies for Adding and Subtracting Within 1,000</i>							
Lesson 1	Counting by 10s	2.NBT.8 (Mentally Adding and Subtracting 10 and 100 to Three-Digit Numbers)	Counting by 10s	Making Patterns Using Tens			
	Counting by 100s	Focus 6: Counting Forward by 10s and 100s without Models	Counting by 100s	Identifying 10 More or Less			
		Focus 7: Counting Backwards by 10s and 100s without Models		Making Patterns Using 100s			
		Focus 8: Finding the Missing Numbers		Identifying 100 More or Less			
Lesson 2		2.NBT.7 (Strategies for Adding and Subtracting within 1,000)	Counting by 100s	Identifying 100 More or Less			
		Focus 7: Adding Up to Subtract Numbers within 1,000					
Lesson 3		2.NBT.7 (Strategies for Adding and Subtracting within 1,000)	Counting by 100s	Identifying 100 More or Less			
		Focus 3: Adding Incrementally within 1,000					
Lesson 4		2.NBT.7 (Strategies for Adding and Subtracting within 1,000)	Counting by 100s	Identifying 100 More or Less			
		Focus 6: Subtracting Incrementally within 1,000					
Lesson 5							
Lesson 6							
Lesson 7	Adding Three-Digit Numbers	2.NBT.7 (Strategies for Adding and Subtracting within 1,000)	Adding Using a Number Line	Solving Word Problems and Three-Digit Number Addition			SLA 2.NBT.7
	Subtracting Three-Digit and Two- or One-Digit Numbers	Focus 4: Using Compensation to Add Numbers within 1,000	Adding Using Place Value	Identifying the Missing Number in an Addition Sentence			
		2.NBT.9 (Explaining Why Addition and Subtraction Strategies Work)	Subtracting Using Base 10 Blocks on the Place Value Table	Identifying the Missing Number in a 3-Digit Subtraction Problem			
		Focus 3: Multiple Ways to Solve Addition Problems	Subtraction Using Related Problems	Solving Multi-Digit Subtraction Word Problems			

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EngageNY Module 5: Addition and Subtraction Within 1000 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 4: Multiple Ways to Solve Subtraction Problems	Adding Lots of Numbers Using Place Value Subtracting Using Visuals	Subtracting Multi-Digit Numbers in a Place Value Chart Adding Using Compensation Add 2-Digit Numbers Using Commutative & Associative Properties Add 3-Digit Numbers Using Base Ten Blocks & Place Value Mat Subtracting 1- & 2-Digit Numbers Using Regrouping by Adding Up Subtract 3-Digit Numbers Using Base Ten Blocks and Place Value			
<i>Topic B: Strategies for Composing Tens and Hundreds Within 1,000</i>							
Lesson 8	Adding Two Three-Digit Numbers	2.NBT.7 (Strategies for Adding and Subtracting within 1,000)	Adding Using Place Value	Add 2-Digit Numbers Using Commutative & Associative Properties			
	Adding Three-Digit and Two- or One-Digit Numbers	Focus 1: Adding with Base-Ten Blocks and Place Value within 1,000	Adding Using Base 10 Blocks on the Place Value Table Adding Using a Number Line	Adding Two 3-Digit Numbers Using a Place Value Chart Solving Word Problems and Three-Digit Number Addition Adding 3-Digit & 2- or 1-Digit Numbers Using a Place Value Chart Add 3-Digit Numbers Using Base Ten Blocks & Place Value Mat Adding 3-Digit Numbers Using a Number Line			
Lesson 9							
Lesson 10							
Lesson 11							

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EngageNY Module 5: Addition and Subtraction Within 1000 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 12							
<i>Topic C: Strategies for Decomposing Tens and Hundreds Within 1,000</i>							
Lesson 13	Subtracting Two-Digit Numbers Using Base Ten Blocks Subtracting Two Three-Digit Numbers Subtracting Up to Three Digits (Base Ten and Number Lines)	2.NBT.7 (Strategies for Adding and Subtracting within 1,000) Focus 5: Using Base-Ten Blocks to Regroup in Subtraction	Subtracting Two-Digit Numbers Using Regrouping Subtracting Using Base 10 Blocks on the Place Value Table Subtraction Using Open Number Lines Adding Using a Number Line	Subtract 2-Digit Numbers Using Base-Ten Blocks Subtracting Two 3-Digit Numbers Using a Place Value Chart Subtracting 3-Digit Numbers Using a Number Line Subtract 3-Digit Numbers Using Base Ten Blocks and Place Value			
Lesson 14							
Lesson 15		2.NBT.9 (Explaining Why Addition and Subtraction Strategies Work) Focus 2: Using the Inverse Relationship of Addition & Subtraction					
Lesson 16							
Lesson 17							
Lesson 18							
<i>Topic D: Student Explanations for Choice of Solution Methods</i>							
Lesson 19							
Lesson 20	Strategies to Solve Addition or Subtraction	2.NBT.9 (Explaining Why Addition and Subtraction Strategies Work) Focus 5: Determining the Best Strategy to Use for Addition Problems	Adding Lots of Numbers Using Place Value Subtracting Using Visuals	Adding Using Compensation Add 2-Digit Numbers Using Commutative & Associative Properties			SLA 2.NBT.9

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EngageNY Module 5: Addition and Subtraction Within 1000 with Word Problems to 100

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 6: Determining the Best Strategy to Use for Subtraction Problems		Add 3-Digit Numbers Using Base Ten Blocks & Place Value Mat Subtracting 1- & 2-Digit Numbers Using Regrouping by Adding Up Subtract 3-Digit Numbers Using Base Ten Blocks and Place Value			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 6: Foundations of Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Formation of Equal Groups</i>							
Lesson 1							
Lesson 2							
Lesson 3							
Lesson 4							
<i>Topic B: Arrays and Equal Groups</i>							
Lesson 5		2.OA.4 (Rectangular Arrays)	Arrays: Rows and Number of Objects in a Row	Using Arrays to Identify Rows and Number in Each Row			App, App, Array!
		Focus 1: What is an Array?					
Lesson 6		2.OA.4 (Rectangular Arrays)	Arrays: Rows and Number of Objects in a Row	Using Arrays to Identify Rows and Number in Each Row			
		Focus 2: Rows and Columns					
Lesson 7		2.OA.4 (Rectangular Arrays)	Arrays: Rows and Number of Objects in a Row	Using Arrays to Identify Rows and Number in Each Row			
Lesson 8							
		Focus 3: Skip Counting in Arrays					
Lesson 9	Arrays and Equations	2.OA.4 (Rectangular Arrays)	Addition Sentences and Arrays	Using Arrays to Write Equations			SLA 2.OA.4
	Rows and How Many in a Row	Focus 4: Adding within Arrays	Arrays: Rows and Number of Objects in a Row	Using Arrays to Identify Rows and Number in Each Row			
		Focus 5: Help the Farmer Find Equal Arrays					
<i>Topic C: Rectangular Arrays as a Foundation for Multiplication and Division</i>							

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EngageNY Module 6: Foundations of Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 10		2.G.2 (Partitioning Rectangles into Rows and Columns) Focus 1: Partitioning Rectangles into Rows Focus 2: Partitioning Rectangles into Columns					
Lesson 11	Understanding Rectangles	2.G.2 (Partitioning Rectangles into Rows and Columns) Focus 3: Partitioning Rectangles into Rows and Columns	Understanding Rectangles	Understanding Rectangles			
Lesson 12		2.G.2 (Partitioning Rectangles into Rows and Columns) Focus 4: Strategies to Find the Total Squares					
Lesson 13		2.G.2 (Partitioning Rectangles into Rows and Columns) Focus 5: Rectangle Puzzles					
Lesson 14			Understanding Rectangles	Understanding Rectangles			
Lesson 15			Understanding Rectangles	Understanding Rectangles			
Lesson 16							SLA 2.G.2
<i>Topic D: The Meaning of Even and Odd Numbers</i>							
Lesson 17		2.OA.2 (Mental Math Within 20) Focus 3: Using Doubles to Add Up to 20					Partners and Teams
Lesson 18		2.OA.3 (Odd and Even Numbers) Focus 1: Introducing Pairs	Understanding Even and Odd Numbers	Identifying Even and Odd Numbers Using Visuals			
Lesson 19		2.OA.3 (Odd and Even Numbers)	Understanding Even and Odd Numbers	Understanding and Identifying Even and Odd Numbers			

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EngageNY Module 6: Foundations of Multiplication and Division

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 2: Even an Odd with Ten Frames					
		Focus 3: Grouping to Find Even and Odd Numbers					
Lesson 20	Identifying Even and Odd Numbers Visually	2.OA.3 (Odd and Even Numbers)	Understanding Even and Odd Numbers	Identifying Even and Odd Numbers Using Visuals			SLA 2.OA.3
	Understanding Even and Odd Numbers	Focus 5: Using a Number Sentence	Understanding Even and Odd Numbers	Identifying Even and Odd Numbers Using Visuals			
				Understanding and Identifying Even and Odd Numbers			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 7: Problem Solving with Length, Money, and Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Problem Solving with Categorical Data</i>							
Lesson 1		2.MD.10 (Using Picture Graphs and Bar Graphs) Focus 1: Collecting and Organizing Data					
Lesson 2	Picture Graphs	2.MD.10 (Using Picture Graphs and Bar Graphs) Focus 2: Representing Data on a Picture Graph	Picture Graphs	Reading Picture Graphs			
Lesson 3		2.MD.10 (Using Picture Graphs and Bar Graphs) Focus 4: Representing Data on a Bar Graph Focus 5: Reading Bar Graphs	Reading Bar Graphs	Making a Bar Graph to Show Data			
Lesson 4			Reading Bar Graphs	Making a Bar Graph to Show Data			
Lesson 5	Bar Graphs	2.MD.10 (Using Picture Graphs and Bar Graphs) Focus 6: Analyzing and Interpreting Bar Graph Data	Reading Bar Graphs	Understanding Bar Graphs Making a Bar Graph to Show Data			SLA 2.MD.10
<i>Topic B: Problem Solving with Coins and Bills</i>							
Lesson 6		2.MD.8 (Money Word Problems with Dollars and Coins) Focus 1: Coins and Their Values Focus 2: Counting Coins Focus 3: Exchanging Coins	Identifying Coins and Values	Finding the Value of Coins and Comparing Their Values			
Lesson 7		2.MD.8 (Money Word Problems with Dollars and Coins) Focus 4: Coin Word Problems	Identifying Coins and Values	Finding the Value of Coins and Comparing Their Values Solving Money Word Problems: Coins			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 7: Problem Solving with Length, Money, and Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 8	Word Problems and Money	2.MD.8 (Money Word Problems with Dollars and Coins)	Money in Word Problems	Finding Change: Bills			
		Focus 6: Working with Bills		Solving Money Word Problems: Bills	Finding the Value of Dollar Bills and Comparing Their Values		
Lesson 9	Comparing Money	2.MD.8 (Money Word Problems with Dollars and Coins)	Comparing Cents	Finding the Value of Coins and Comparing Their Values			
		Focus 7: Comparing 2 Sets of Coins and Dollars		Solving Money Word Problems: Coins			
Lesson 10	Identifying Money and Calculating Cents	2.MD.8 (Money Word Problems with Dollars and Coins)	Identifying Coins and Values	Finding the Value of Coins and Comparing Their Values			
		Focus 5: Counting Coin Values in Many Ways	Comparing Cents				
Lesson 11			Money in Word Problems	Solving Money Word Problems: Coins			
Lesson 12			Money in Word Problems	Solving Money Word Problems: Coins			
Lesson 13			Money in Word Problems	Solving Money Word Problems: Coins			SLA 2.MD.8
<i>Topic C: Creating an Inch Ruler</i>							
Lesson 14							
Lesson 15		2.MD.1 (Measuring Length in Standard Units)		Measuring with a Ruler			
		Focus 1: Making a Ruler					
<i>Topic D: Measuring and Estimating Length Using Customary and Metric Units</i>							
Lesson 16		2.MD.2 (Relating Measurements)					
		Focus 3: Choose the Right Unit of Measurement					

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 7: Problem Solving with Length, Money, and Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		2.MD.3 (Estimating Measurements)	Measuring and Estimating Objects with Customary Units	Estimating Measures Using Customary Units			
		Focus 1: Measure Objects in Inches and Feet					
Lesson 17	Estimating Measures with Customary Units	2.MD.3 (Estimating Measurements)	Measuring and Estimating Objects with Customary Units	Estimating Measures Using Customary Units			SLA 2.MD.3
	Estimating Measures with Metric Units	Focus 3: Estimation	Measuring and Estimating Objects with Metric Units	Estimating Measures Using Metric Units			
		Focus 4: Benchmarks for Inches and Feet					
		Focus 6: Estimating and Reasoning					
Lesson 18	Using Different Units	2.MD.2 (Relating Measurements)	Using Different Units	Using and Comparing Different Units to Measure an Object		Big Dog Measurements	SLA 2.MD.2
		Focus 1: Measure an Object Using Inches and Feet					
		Focus 2: Measure an Object Using Inches and Centimeters					
		Focus 4: The Relationship Between Inches and Feet					
		Focus 5: The Relationship Between Centimeters and Meters					
		Focus 6: Understand the Difference in the Sizes of Units					
Lesson 19	Comparing Measurements	2.MD.4 (Comparing Measurements and Finding the Difference)	Comparing Measurements	Comparing Measurements of Objects			SLA 2.MD.4
		Focus 1: Measuring Objects in Inches with Visuals					
		Focus 3: Finding the Difference in Length in Feet					
		Focus 4: Finding the Difference in Length in Inches					

Topic E: Problem Solving with Customary and Metric Units

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 7: Problem Solving with Length, Money, and Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 20	Adding Up to 100 in Word Problems: Lengths in Same Units	2.MD.5 (Solving Addition and Subtraction Word Problems with Lengths)	Addition on the Number Line	Adding Using a Measurement Word Problem			SLA 2.MD.5
	Adding and Subtracting Lengths Using Measuring Tools	Focus 1: Solving Addition Word Problems about Length	Meter Sticks and Number Lines	Using Measuring Tools to Understand Number Lines			
	Subtracting Up to 100 in Word Problems: Lengths in Same Units	Focus 2: Solving Subtraction Word Problems about Length	Subtraction on the Number Line	Subtracting Using a Measurement Word Problem			
Lesson 21		2.NBT.5 (Fluent Addition and Subtraction within 100) Focus 2: Using a Number Line to Incrementally Add and Subtract 2.MD.6 (Using a Number Line Diagram) Focus 3:	Subtraction on the Number Line	Subtracting 1- & 2-Digit Numbers Using Regrouping by Adding Up			
Lesson 22	Finding the Sum or Difference Using a Number Line	2.MD.6 (Using a Number Line Diagram)	Addition on the Number Line	Adding 3-Digit Numbers Using a Number Line			SLA 2.MD.6
		Focus 1: Comparing Distances on a Number Line	Subtraction on the Number Line	Subtracting 3-Digit Numbers Using a Number Line			
		Focus 2: Comparing Amounts on a Number Line					
		Focus 5: Equivalent Addition Expressions on a Number Line					
<i>Topic F: Displaying Measurement Data</i>							
Lesson 23		2.MD.9 (Representing Measurement Data on a Line Plot) Focus 1: Asking a Research Question and Collecting Data					
Lesson 24		2.MD.9 (Representing Measurement Data on a Line Plot) Focus 2: From Picture Graphs to Line Plots	Measurements and Line Plots	Understanding Measurement Data Displayed in Line Plots			
Lesson 25			Measurements and Line Plots	Understanding Measurement Data Displayed in Line Plots			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 7: Problem Solving with Length, Money, and Data

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 26	Measurements and Line Plots	2.MD.9 (Representing Measurement Data on a Line Plot) Focus 4: Creating Line Plots (No Gaps or Outliers) Focus 5: Creating Line Plots (No Gaps or Outliers)	Measurements and Line Plots	Understanding Measurement Data Displayed in Line Plots			SLA 2.MD.9

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<i>Topic A: Attributes of Geometric Shapes</i>							
Lesson 1			Understanding Shapes	Identifying Shapes By Sides and Angles			
Lesson 2		2.G.1 (Recognizing and Drawing Shapes by Attribute) Focus 1: Identify Shapes by Sides and Angles - Part 1 Focus 2: Identifying Shapes by Sides and Angles - Part 2	Understanding Shapes	Identifying Shapes By Sides and Angles			
Lesson 3							
Lesson 4		2.G.1 (Recognizing and Drawing Shapes by Attribute) Focus 3: Draw 2-Dimensional Shapes Based on Specific Attributes					
Lesson 5	Identifying Polygons and 3-D Shapes Recognizing Polygons and 3-D Shapes	2.G.1 (Recognizing and Drawing Shapes by Attribute) Focus 4: Identify Cubes Based on Attribute Focus 5: Draw Cubes Based on Specific Attributes	Understanding Shapes	Identifying Shapes By Sides and Angles Identifying a Cube			SLA 2.G.1
<i>Topic B: Composite Shapes and Fraction Concepts</i>							
Lesson 6							
Lesson 7							
Lesson 8		2.G.3 (Partitioning into Halves, Thirds, and Fourths) Focus 7: Comparing Equal Parts					
<i>Topic C: Halves, Thirds, and Fourths of Circles and Rectangles</i>							
Lesson 9		2.G.3 (Partitioning into Halves, Thirds, and Fourths)	Partitioning Circles	Partitioning Circles and Rectangles			

TenMarks Curriculum Alignment Guide: EngageNY/Eureka Math, Grade 2

EngageNY Module 8: Time, Shapes, and Fractions as Equal Parts of Shapes

EngageNY Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 16	Recognize Time	2.MD.7 (Telling Time to the Nearest 5 Minutes) Focus 7: Ordering Times to Make a Schedule	Telling Time	Using Words to Tell About Time Telling Time to the Nearest 5 Minutes on a Digital Clock Telling Time to the Nearest 5 Minutes on an Analog Clock			SLA 2.MD.7