

## GO! Math Chapter 1: Place Value, Addition, and Subtraction to One Million

GO Math! Lessons		TenMarks Resources					
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs
Lesson 1	Model Place Value Relationships	Relating Place Value and Multiples of 10	<b>4.NBT.1 (Place Value and the Magnitude of Products)</b>	Relating Place Value and Multiples of 10	Identifying the Relationship Between the Digits in Each Place		Exploring Place-Landia
			Focus 1: Understanding Magnitude Using Base-Ten Blocks				
			Focus 2: Understanding Magnitude Using Money				
			Focus 3: Using Inverse Operations to Demonstrate Magnitude				
Lesson 2	Read and Write Numbers	State Numbers: Expanded, Word, Visual, and Standard Forms	<b>4.NBT.2 (Reading, Writing, and Comparing Multi-Digit Numbers)</b>	Place Value to the Hundred Thousands Place	Standard Form to Word and Expanded Forms		
			Express Numbers: Standard or Expanded Form to Words	Focus 1: Reading and Writing Numbers in Standard Form	Expressing Numbers in Expanded Form	Standard, Expanded, and Word Form Using Base Ten Blocks	
			Express Numbers: Standard or Word Form to Expanded Form	Focus 2: Reading and Writing Numbers in Expanded Form		Word Form to Standard and Expanded Forms	
				Focus 3: Reading and Writing Numbers in Word Form			
				Focus 6: Writing Numbers with Zeros in Standard, Expanded, and Word Forms			
Lesson 3	Compare and Order Numbers	Comparing Whole Numbers	<b>4.NBT.2 (Reading, Writing, and Comparing Multi-Digit Numbers)</b>	Comparing Whole Numbers	Comparing Numbers Up to 1 Million Using Symbols and Words		SLA: 4.NBT.2
			Ordering Numbers	Focus 4: Comparing Two Multi-Digit Numbers By Using Symbols	Compare and Order Numbers	Ordering Multi-Digit Numbers Using a Place Value Chart	
					Compare and Order Numbers (up to 100,000)		
Lesson 4	Round Numbers	Rounding Whole Numbers Using Representations	<b>4.NBT.3 (Rounding Multi-Digit Whole Numbers to Any Place)</b>	Rounding Numbers	Rounding Using Base Ten Blocks and a Place Value Chart		SLA 4.NBT.3
			Rounding Whole Numbers	Focus 2: Rounding Multi-Digit Numbers Using a Number Line		Rounding Using a Hundreds Chart	
				Focus 3: Rounding Multi-Digit Numbers without Visuals		Rounding Using Number Lines and Rounding Hills	
				Focus 4: Rounding Multi-Digit Numbers Involving Nines			

Is this guide helpful? Please complete this short [five question survey](#) to provide your feedback.

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 1: Place Value, Addition, and Subtraction to One Million

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 5 Rename Numbers							SLA: 4.NBT.1
Lesson 6 Add Whole Numbers		<p><b>4.NBT.4 (Using Standard Algorithms for Addition and Subtraction )</b></p> <p>Focus 1: Addition Algorithm: Base-Ten Blocks with a Written Record</p> <p>Focus 2: Addition Algorithm: Comparing Written Records</p>					
Lesson 7 Subtract Whole Numbers		<p><b>4.NBT.4 (Using Standard Algorithms for Addition and Subtraction )</b></p> <p>Focus 4: Subtraction Algorithm: Base-Ten Blocks with a Written Record</p> <p>Focus 5: Subtraction Algorithm: Comparing Written Records</p> <p>Focus 6: Subtraction Algorithm: Trading Across Zeros</p>					
Lesson 8 Comparison Problems with Addition and Subtraction	<b>Addition and Subtraction Using Standard Algorithm</b>		<p>Three-Digit Addition Using Regrouping</p> <p>Subtract Three-Digit Numbers Using Regrouping</p>	<p>Addition Using Standard Algorithm</p> <p>Subtraction Using Standard Algorithm</p> <p>Identifying the Missing Number in a 3-Digit Subtraction Problem</p> <p>Identifying the Missing Number in an Addition Sentence</p>	<p>Add Within 10,000</p> <p>Subtract Within 10,000</p>		SLA: 4.NBT.4

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 2: Multiply by 1-Digit Numbers

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Multiplication Comparisons	Understanding Multiplicative Comparisons	<b>4.OA.1 (Understanding Multiplicative Comparison)</b>  Focus 1: Multiplying to Find Twice as Much  Focus 2: Parts of a Multiplicative Comparison  Focus 3: Matching Equations and Comparison Statements  Focus 4: Multiplicative Comparison Puzzle  Focus 5: Commutative, Multiplicative Monkeys	Understanding Multiplicative Comparisons	Multiplicative Comparisons			SLA 4.OA.1
Lesson 2	Comparison Problems	<b>Relate: Multiply &amp; Divide, Multiply &amp; Add</b>  <b>Multiplication and Division to Solve Word Problems</b>	<b>4.OA.2 (Solving Problems with Multiplicative Comparison)</b>  Focus 1: Different Ways of Comparing  Focus 2: Multiplicative vs. Additive 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			SLA 4.OA.2
Lesson 3	Multiply Tens, Hundreds, and Thousands		<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Warmup 1: Using Properties to Multiply by Multiples of 10					
Lesson 4	Estimate Products		<b>3.OA.5 (Applying Properties of Multiplication and Division)</b>					

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 2: Multiply by 1-Digit Numbers

GO Math! Lessons	Assignments	Lessons	TenMarks Resources				
			Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 5</b> Multiply Using the Distributive Property	<b>Distributive Property</b>	<b>3.OA.5 (Applying Properties of Multiplication and Division)</b>  Focus 5: Understanding the Distributive Property  Focus 6: Applying the Distributive Property to a Word Problem	Distributive Property of Multiplication	Understanding the Distributive Property			
<b>Lesson 6</b> Multiply Using Expanded Form		<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Focus 4: Multi-Digit Multiplication with Area Models and the Distributive Property					
<b>Lesson 7</b> Multiply Using Partial Products		<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Focus 6: Recording Partial Products for Multi-Digit Multiplication		Multiplying a Multi-Digit Number by a 1-Digit Number Using Partial Products			
<b>Lesson 8</b> Multiply Using Mental Math	<b>Commutative Property</b>  <b>Associative Property</b>	<b>3.OA.5 (Applying Properties of Multiplication and Division)</b>  Focus 7: Applying Properties of Operations to Make Problems Easier	Commutative Property of Multiplication	Understanding the Commutative Property			
<b>Lesson 9</b> Multistep Multiplication Problems	<b>Solve Problems Using the Four Operations &amp; Estimation</b>	<b>3.OA.5 (Applying Properties of Multiplication and Division)</b>  Focus 1: Estimating Solutions to Word Problems	Estimate to Solve Multi-Step Word Problems	Solving Multi-Step Word Problems Using Estimation			
<b>Lesson 10</b> Multiply 2-Digit Numbers with Regrouping							
<b>Lesson 11</b> Multiply 3-Digit and 4-Digit Numbers with Regrouping	<b>Basic Multiplication Review with Arrays</b>			Using an Array to Multiply a 1-Digit by a 1- or 2-Digit Number	Multiply 1-Digit and 3-Digit Numbers		
					Multiply 1-Digit and 4-Digit Numbers		

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 2: Multiply by 1-Digit Numbers

GO Math! Lessons	Assignments	Lessons	TenMarks Resources				
			Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 12 Solve Multistep Problems Using Equations							

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 3: Multiply 2-Digit Numbers

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1 Multiply by Tens		<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Warmup 3: (Understanding Products When Multiplying by 10)					
Lesson 2 Estimate Products							
Lesson 3 Area Models and Partial Products		<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Focus 1: Area Models for 2-Digit by 2-Digit Multiplication  Focus 2: Base-Ten Blocks for 2-Digit by 2-Digit Multiplication					
Lesson 4 Multiply Using Partial Products	<b>Area Models to Multiply</b>  <b>Solve Word Problems Using Multiplication Strategies</b>  <b>Equations and Multiplication</b>	<b>4.NBT.5 (Strategies for Multi-Digit Multiplication)</b>  Focus 5: Recording Partial Products for 2-Digit by 2-Digit Multiplication	Using Area Models to Multiply  Solving Word Problems Using Partial Products  Equations and Multiplication	Multiplying Two 2-Digit Numbers Using Partial Products			
Lesson 5 Multiply with Regrouping							
Lesson 6 Choose a Multiplication Method							SLA 4.NBT.5
Lesson 7 Multiply 2-Digit Numbers					Multiply 2-Digit Numbers		

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 4: Divide by 1-Digit Numbers

GO Math! Lessons	Assignments	Lessons	TenMarks Resources					
			Amplifiers	Videos	Jam Sessions	Labs	Assessments	
Lesson 1 Estimate Quotients Using Multiples								
Lesson 2 Remainders		<p><b>4.NBT.6 (Strategies for 4-by-1 Division with Remainders)</b></p> <p>Focus 5: Understanding Quotients and Remainders</p>						
Lesson 3 Interpret the Remainder		<p><b>4.OA.3 (Solving Problems with the Four Operations)</b></p> <p>Focus 4: Interpreting the Remainder - Part 1</p> <p>Focus 5: Interpreting the Remainder - Part 2</p>						
Lesson 4 Divide Tens, Hundreds, and Thousands						2-Digit Divisors & Friendly Multiple Dividends		
Lesson 5 Estimate Quotients Using Compatible Numbers								
Lesson 6 Division and the Distributive Property								
Lesson 7 Divide Using Repeated Subtraction		<p><b>3.OA.2 (Interpreting Quotients of Whole Numbers)</b></p> <p>Focus 2: Quotative Division and Repeated Subtraction</p>						
Lesson 8 Divide Using Partial Quotients		<p><b>4.NBT.6 (Strategies for 4-by-1 Division with Remainders)</b></p> <p>Focus 2: Partial Quotients for Division - Part 1</p> <p>Focus 3: Partial Quotients for Division - Part 2</p> <p>Focus 4: Area Models for Division</p>	Using Partial Quotients to Solve Division Problems	Using Partial Quotients to Divide by a 1-Digit Number				

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 4: Divide by 1-Digit Numbers

GO Math! Lessons	TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Assessments
Lesson 9 Model Division with Regrouping	Understanding Division Using Models and Strategies	4.NBT.6 (Strategies for 4-by-1 Division with Remainders)	Dividing Using Place Value	Using an Area Model to Divide by a 1-Digit Number		
	Solve Word Problems Involving Division	Focus 1: Place Value Strategies for Division		Using Place Value to Divide 4-Digit by 1-Digit Numbers		
Lesson 10 Place the First Digit						
Lesson 11 Divide by 1-Digit Numbers					Divide 2-Digit Numbers by 1-Digit Numbers	SLA 4.NBT.6
					Divide 3-Digit Numbers by 1-Digit Numbers	
					Divide 4-Digit Numbers by 1-Digit Numbers	
Lesson 12 Multistep Division Problems	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		SLA 4.OA.3
		Focus 3: Solving a Multistep Word Problem				



# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 5: Fractions, Multiples and Patterns

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1 Model Factors		<b>4.OA.4 (Factors and Multiples)</b>	Identifying Factors of a Number	Identifying Factors of Numbers			
		Focus 1: Introduction to Factors and Multiples		Identifying Missing Factors using Factor Pairs			
		Focus 2: Finding Factor Pairs for Numbers Within 100		Identifying the Missing Factor Using Place Value			
Lesson 2 Factors and Divisibility			Divisibility Rules for Whole Numbers				
Lesson 3 Common Factors	Factors						
Lesson 4 Factors and Multiples	Multiples and Divisibility	<b>4.OA.4 (Factors and Multiples)</b>	Identifying Factors of a Number	Identifying Multiples of One-Digit Numbers			
		Focus 5: Multiples of 1-Digit Numbers		Identifying Factors of Numbers			
		Focus 6: Is It a Multiple?					
Lesson 5 Prime and Composite Numbers	Understanding Prime and Composite Numbers	<b>4.OA.4 (Factors and Multiples)</b>				Mystery Rules	SLA 4.OA.4
		Focus 3: Introduction to Prime and Composite Numbers					
		Focus 4: Prime and Composite Numbers with Rectangles					
Lesson 6 Number Patterns	Number Patterns and Word Problems	<b>4.OA.5 (Number and Shape Patterns)</b>	Number Patterns and Word Problems	Identifying and Creating Number Patterns			
	Identifying Number Patterns	Focus 4: Completing and Extending Number Patterns	Identifying Number Patterns				
		Focus 5: Finding the Rule in Number Patterns					
		Focus 6: Generating a Number Pattern from a Rule					
		Focus 7: Geometric Patterns					

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 6: Fraction Equivalence and Comparison

GO Math! Lessons		TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Equivalent Fractions		<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>				
			Focus 1: Finding Equivalent Fractions Using Length Models				
Lesson 2	Generate Equivalent Fractions	Identifying Equivalent Fractions Using Visuals	<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>	Identifying Equivalent Fractions Visually	Identifying Equivalent Fractions Using Visuals		<b>Bridging the Gap</b>
			Focus 2: Finding Equivalent Fractions Using Area Models		Identifying Equivalent Fractions Using Models and Number Lines		
			Focus 3: Finding Equivalent Fractions Using Number Lines				
Lesson 3	Simplest Form						
Lesson 4	Common Denominators	Creating Equivalent Fractions	<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>	Multiply to Find Equivalent Fractions	Finding Equivalent Fractions with Models and Equations		SLA 4.NF.1
			Focus 4: Writing Multiplication Equations to Show Equivalent Fractions		Identifying Equivalent Fractions Using Models and Number Lines		
			Focus 5: Connecting Models and Equations to Understand Equivalent Fractions				
Lesson 5	Find Equivalent Fractions		<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>				
			Focus 6: Reasoning about Equivalent Fractions				
Lesson 6	Compare Fractions Using Benchmarks		<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>				
			Focus 2: Compare Using Benchmark Values (0, 1/2, 1)				
Lesson 7	Compare Fractions	Strategies for Comparing Fractions	<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>	Strategies for Comparing Fractions	Comparing Fractions Using Common Denominators and Benchmarks	Comparing Fractions with Like Denominators	

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 6: Fraction Equivalence and Comparison

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
		Focus 3: Compare Fractions by Finding Common Numerators		Identifying Equivalent Fractions Using Models and Number Lines			
		Focus 4: Compare Fractions by Finding Common Denominators					
<b>Lesson 8</b> Compare and Order Fractions		<b>4.NF.1 (Finding Equivalent Fractions: Multiplication and Models)</b>					SLA 4.NF.2
		Focus 5: Choose the Best Strategy to Compare Fractions					

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 7: Add and Subtract Fractions

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b> Add and Subtract Parts of a Whole		<b>4.NF.3 (Adding and Subtracting Fractions with Like Denominators)</b>  Focus 1: Composite Fractions as Addition of Unit Fractions					
<b>Lesson 2</b> Write Fractions as Sums							
<b>Lesson 3</b> Add Fractions Using Models							
<b>Lesson 4</b> Subtract Fractions Using Models							
<b>Lesson 5</b> Add and Subtract Fractions	<b>Joining and Separating Parts of the Same Whole</b>  <b>Addition and Subtraction of Fractions with Visuals</b>	<b>4.NF.3 (Adding and Subtracting Fractions with Like Denominators)</b>  Focus 2: Sums and Differences with Composite Fractions	Joining and Separating Parts of a Whole  Adding and Subtracting Fractions with Visuals	Add and Subtract Fractions using Models  Identifying the Missing Fraction in Addition and Subtraction Equations  Adding Fractions with Like Denominators Using a Model  Subtracting Fractions with Like Denominators Using a Model			
<b>Lesson 6</b> Rename Fractions and Mixed Numbers		<b>4.NF.3 (Adding and Subtracting Fractions with Like Denominators)</b>  Focus 3: Mixed Numbers and Fractions Greater Than 1					
<b>Lesson 7</b> Add and Subtract Mixed Numbers	<b>Representing Fractions</b>	<b>4.NF.3 (Adding and Subtracting Fractions with Like Denominators)</b>  Focus 4: Adding Mixed Numbers as Wholes and Parts  Focus 6: Subtracting Mixed Numbers as Wholes and Parts	Representing Fractions	Decomposing Fractions and Mixed Numbers			
<b>Lesson 8</b> Subtraction with Renaming	<b>Strategies for Adding and Subtracting Mixed Numbers</b>	<b>4.NF.3 (Adding and Subtracting Fractions with Like Denominators)</b>	Addition of Mixed Numbers	Addition Mixed Numbers			

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 7: Add and Subtract Fractions

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
	<b>Addition and Subtraction of Mixed Numbers</b>	Focus 7: Subtracting Mixed Numbers as Fractions Greater Than 1	Strategies for Subtracting Mixed Numbers  Subtraction of Mixed Numbers	Subtracting Mixed Numbers			
<hr/>							
<b>Lesson 9</b>	<b>Fractions and Properties of Addition</b>						
<hr/>							
<b>Lesson 10</b>	<b>Multistep Fraction Problems</b>						SLA 4.NF.3

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 8: Multiply Fractions by Whole Numbers

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b>	<b>Multiples of Unit Fractions</b>	<b>Fractions as Multiples</b>	<b>4.NF.4 (Multiplying Whole Numbers by Fractions)</b>  Focus 1: Composite Fractions as Multiples of Unit Fractions  Focus 2: Visual Representations for Multiplying Whole Numbers by Unit Fractions  Focus 5: Solving Word Problems That Involve Multiplying Whole Numbers and Unit Fractions	Fractions as Multiples	Writing Fractions as Multiples			
<b>Lesson 2</b>	<b>Multiples of Fractions</b>		<b>4.NF.4 (Multiplying Whole Numbers by Fractions)</b>  Focus 3: Multiplying Whole Numbers by Composite Fractions  Focus 6: Solving Word Problems That Involve Multiplying Whole Numbers by Composite Fractions					
<b>Lesson 3</b>	<b>Multiply a Fraction by a Whole Number Using Models</b>	<b>Multiplication of a Fraction by a Whole Number</b>	<b>4.NF.4 (Multiplying Whole Numbers by Fractions)</b>  Focus 4: Different Expressions for Multiplying Whole Numbers by Composite Fractions	Multiplying Fractions by Whole Numbers	Visualizing the Multiplication of a Fraction by a Whole Number			
<b>Lesson 4</b>	<b>Multiply a Fraction or Mixed Number by a Whole Number</b>	<b>Solve Word Problems: Multiply a Fraction &amp; Whole Number</b>	<b>4.NF.4 (Multiplying Whole Numbers by Fractions)</b>  Focus 7: Multiplying Whole Numbers by Fractions	Fractions as Multiples: Word Problems	Visualizing the Multiplication of a Fraction by a Whole Number			
<b>Lesson 5</b>	<b>Comparison Problems with Fractions</b>							SLA 4.NF.4

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 9: Relate Fractions and Decimals

GO Math! Lessons		TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b>	<b>Relate Tenths and Decimals</b>		<b>4.NF.6 (Writing Tenths and Hundredths as Decimals)</b>	Fractions to Decimals: Tenths			
			Focus 1: Introduction to Place Value Less Than One				
<b>Lesson 2</b>	<b>Relate Hundredths and Decimals</b>	<b>Decimal Notation and Fractions</b>	<b>4.NF.6 (Writing Tenths and Hundredths as Decimals)</b>	Fractions to Decimals: Hundredths	Decimal Notation and Fractions		
			Focus 2: Write Tenths and Hundredths - Fractions Less Than 1 as Decimals				
			Focus 3: Write Tenths and Hundredths - Fractions Greater Than 1 as Decimals				
			Focus 4: Write Tenths and Hundredths - Decimals as Fractions				
			Focus 5: Decimal Notation and Models				
			Focus 6: Identifying Decimals on Number Lines				
			Focus 7: Placing Decimals on Number Lines				
<b>Lesson 3</b>	<b>Equivalent Fractions and Decimals</b>		<b>4.NF.6 (Writing Tenths and Hundredths as Decimals)</b>		Fractions with a Denominator of 10 and 100		
			Focus 1: Finding Equivalent Fractions – Tenths to Hundredths				
			Focus 2: Finding Equivalent Fractions – Hundredths to Tenths				
			Focus 3: Finding Equivalent Fractions Using Base-Ten Blocks				
<b>Lesson 4</b>	<b>Relate Fractions, Decimals, and Money</b>		<b>4.NF.6 (Writing Tenths and Hundredths as Decimals)</b>				
			Focus 8: Fractions and Decimals: Match-Up				
<b>Lesson 5</b>	<b>Money</b>	<b>Word Problems Involving Money</b>	<b>4.MD.2 (Solving Measurement Word Problems with the Four Operations)</b>	Converting Measurements: Money	Money: Converting Between Values and Solving Word Problems		

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 9: Relate Fractions and Decimals

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
			Focus 6: Solving Problems with Money				
<b>Lesson 6</b> Add Fractional Parts of 10 and 100	<b>Fractions: Denominator of 10 or 100</b>	<b>4.NF.5 (Using Equivalent Fractions to Add Tenths and Hundredths)</b>	Denominators of 10 and 100	Fractions with a Denominator of 10 and 100			SLA 4.NF.5
		Focus 4: Adding Tenths to Tenths and Hundredths to Hundredths					
		Focus 5: Finding Equivalent Expressions to Add Tenths and Hundredths					
		Focus 6: Finding Equivalent Fractions – Magical Tenths and Hundredths					
<b>Lesson 7</b> Compare Decimals	<b>Comparing Decimals</b>	<b>4.NF.7 (Comparing Decimals to the Hundredths Place)</b>	Strategies to Compare Decimals	Comparing Decimals			SLA 4.NF.7
		Focus 1: Comparing Tenths		Identifying Equivalent Fractions Using Models and Number Lines			
		Focus 2: Comparing Hundredths					
		Focus 3: Equivalent Tenths and Hundredths					
		Focus 4: Comparing Tenths and Hundredths					
		Focus 5: Justifying Comparisons of Tenths and Hundredths					
		Focus 6: Relating Decimals to the Whole					



# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 10: Two-Dimensional Figures

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b> Lines, Rays, and Angles		<b>4.G.1 (Points, Lines, and Angles)</b>  Focus 1: Understanding and Representing Points  Focus 2: Understanding and Representing Lines, Segments, and Rays Focus 3: Understanding Angles in the World  Focus 4: Acute, Obtuse, and Right Angles  Focus 5: Naming Points, Lines, and Angles					
<b>Lesson 2</b> Classify Triangles		<b>4.G.1 (Points, Lines, and Angles)</b>  Focus 5: Classify Triangles by Angles					
<b>Lesson 3</b> Parallel Lines and Perpendicular Lines	Lines, Segments, and Angles	<b>4.G.1 (Points, Lines, and Angles)</b>  Focus 6: Parallel and Perpendicular Lines	Lines, Line Segments, Rays, and Angles	Identifying Lines and Angles			SLA 4.G.1
<b>Lesson 4</b> Classify Quadrilaterals	Identifying 2-D Figures	<b>4.G.2 (Classifying Shapes by Perpendicular and Parallel Sides and Right Angles)</b>  Focus 1: Measure Distance to Identify Parallel Sides  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

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 10: Two-Dimensional Figures

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 5</b> Line Symmetry		<b>4.G.3 (Lines of Symmetry)</b>					
		Focus 1: Introduction to Symmetry					
		Focus 2: Drawing Lines of Symmetry					
<b>Lesson 6</b> Fold and Draw Lines of Symmetry	<b>Lines of Symmetry</b>	<b>4.G.3 (Lines of Symmetry)</b>	Lines of Symmetry in 2-D Shapes	Understanding and Identifying Lines of Symmetry			SLA 4.G.3
		Focus 3: Part-Whole: Reasoning About Symmetry					
		Focus 4: Multiple Lines of Symmetry					
		Focus 5: Symmetry Game					
<b>Lesson 7</b> Shape Patterns	<b>Shape Patterns</b>	<b>4.OA.5 (Number and Shape Patterns)</b>	Shape Patterns	Identifying and Creating Shape Patterns			SLA 4.OA.5
		Focus 1: Shape Patterns					
		Focus 3: Connecting Shape and Number Patterns					

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 11: Angles

GO Math! Lessons		TenMarks Resources					
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b> Angles and Fractional Parts of a Circle		<b>4.MD.5 (Understanding Angles and Degrees)</b>  Focus 1: Relating Angles to Rotation					
<b>Lesson 2</b> Degrees	<b>Understanding Angle Measures and Circles</b>  <b>Solving Problems Involving Angle Measures and Circles</b>	<b>4.MD.5 (Understanding Angles and Degrees)</b>  Focus 2: Understanding Degrees  Focus 3: Angles as Fractions of a Circle  Focus 4: Benchmark Angles and Turns  Focus 5: Classifying Angles	Angle Measures and Circles	Relating Angle Measures to Circles			SLA 4.MD.5
<b>Lesson 3</b> Measure and Draw Angles	<b>Measuring Angles with a Protractor</b>	<b>4.MD.6 (Measuring and Drawing Angles)</b>  Focus 6: Measuring with a Standard Protractor  Focus 7: Drawing Angles Precisely Using a Protractor	Measuring Angles with a Protractor	Using a Protractor to Measure Angles			SLA 4.MD.6
<b>Lesson 4</b> Join and Separate Angles		<b>4.MD.6 (Angles are Additive)</b>  Focus 1: Angle Measures are Additive  Focus 2: Pattern Block Angles				<b>Potato Launcher</b>	
<b>Lesson 5</b> Unknown Angle Measures	<b>Adding and Subtracting Angles</b>	<b>4.MD.6 (Angles are Additive)</b>  Focus 3: Understanding Complementary Angles  Focus 4: Understanding Supplementary Angles	Adding and Subtracting Angles	Adding and Subtracting Angles			SLA 4.MD.7

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 11: Angles

GO Math! Lessons	Assignments	Lessons	TenMarks Resources Amplifiers	Videos	Jam Sessions	Labs	Assessments
------------------	-------------	---------	----------------------------------	--------	--------------	------	-------------

Focus 5: Sketching and Estimating  
Compound Benchmark Angles

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 12: Relative Sizes of Measurement Units

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b> Measurement Benchmarks							
<b>Lesson 2</b> Customary Units of Length	<b>Customary Length</b>	<b>4.MD.1 (Introduction to Unit Conversions)</b>  Focus 3: Converting Customary Lengths and Multiple Conversions	Customary Units of Length	Estimating Measures Using Customary Units  Converting Customary Units of Length			
<b>Lesson 3</b> Customary Units of Weight			Customary Units of Weight	Converting Customary Units of Weight			
<b>Lesson 4</b> Customary Units of Liquid Volume		<b>4.MD.1 (Introduction to Unit Conversions)</b>  Focus 4: Converting Customary Volume and Weight	Customary Units of Capacity	Converting Customary Units of Capacity		<b>More to Pour!</b>	
<b>Lesson 5</b> Line Plots		<b>4.MD.4 (Adding and Subtracting Fractions to Analyze Line Plot Data)</b>  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  Focus 5: Drawing Conclusions Based on a Line Plot  Focus 6: Fraction Sum Puzzles					SLA 4.MD.4
<b>Lesson 6</b> Metric Units of Length	<b>Metric Length</b>	<b>4.MD.1 (Introduction to Unit Conversions)</b>  Focus 1: Introduction to Conversions in the Metric System  Focus 2: Converting Metric Lengths	Metric Units of Length	Estimating Measures Using Metric Units  Converting Metric Units of Length			

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 12: Relative Sizes of Measurement Units

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 7</b> Metric Units of Mass and Liquid Volume		<b>4.MD.1 (Introduction to Unit Conversions)</b>	Metric Units of Weight	Converting Metric Units of Weight			
		Focus 7: Converting Metric Volume and Mass with Fractions and Decimals	Metric Units of Capacity	Converting Metric Units of Capacity			
<b>Lesson 8</b> Units of Time	Converting Units of Time	<b>4.MD.1 (Introduction to Unit Conversions)</b>	Converting Units of Time	Converting Between Larger and Smaller Units of Time			SLA 4.MD.1
		Focus 5: Converting Units of Time - Part 1					
		Focus 6: Converting Units of Time - Part 2					
<b>Lesson 9</b> Elapsed Time	Word Problems Involving Intervals of Time	<b>4.MD.2 (Solving Measurement Word Problems with the Four Operations)</b>	Converting Intervals of Time	Converting Between Larger and Smaller Units of Time			
		Focus 8: Solving a Time Problem with a Number Line		Measuring Time Using a Number Line			
				Using Tape Diagrams to Estimate Time and Distance			
<b>Lesson 10</b> Mixed Measures	Word Problems Involving Masses and Liquid Volumes	<b>4.MD.2 (Solving Measurement Word Problems with the Four Operations)</b>	Converting Measurements: Liquid Volume (Customary)	Converting Customary Units of Capacity and Word Problems			SLA 4.MD.2
		Focus 1: Finding the Important Information and Operations in a Word Problem	Converting Measurements: Liquid Volume (Metric)	Solving Word Problems by Converting Metric Units of Capacity			
	Word Problems Involving Length and Distance	Focus 2: Using Tape Diagrams to Solve Measurement Problems (Metric Distance)	Converting Customary Measurements: Length/Distance	Measuring Distance Using Customary and Metric Units			
		Focus 3: Using Conversion Tables to Solve Measurement Problems (Metric Liquid Volume)	Converting Metric Measurements: Distance	Using Tape Diagrams to Estimate Time and Distance			
		Focus 4: Using Yardsticks as Number Lines: Solving Customary Length Problems					
		Focus 5: Using a Tape Diagram to Solve a Customary Weight Problem					

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 12: Relative Sizes of Measurement Units

GO Math! Lessons	Assignments	Lessons	TenMarks Resources Amplifiers	Videos	Jam Sessions	Labs	Assessments
------------------	-------------	---------	----------------------------------	--------	--------------	------	-------------

Lesson 11 Patterns in  
Measurement Units

# TenMarks Curriculum Alignment Guide: GO Math! Grade 4

## GO! Math Chapter 13: Algebra: Perimeter and Area

GO Math! Lessons	TenMarks Resources						
	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
<b>Lesson 1</b> Perimeter		<b>4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles)</b>  Focus 3: Deriving Formula for Perimeter of a Rectangle  Focus 4: Applying Perimeter Formula to Solve Problems	Finding Perimeter and Missing Side Lengths	Applying the Formula for Perimeter to Solve Real World Problems			
<b>Lesson 2</b> Area		<b>4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles)</b>  Focus 1: Deriving Formula for Area of a Rectangle  Focus 2: Applying Area Formula to Solve a Problem	Finding Areas and Missing Side Lengths	Using Area Models and the Distributive Property to Find the Area			
<b>Lesson 3</b> Area of Combined Rectangles					Applying the Area Formula to Solve Real World Problems		
<b>Lesson 4</b> Find Unknown Measures	<b>Finding Perimeter</b>  <b>Finding Areas and Missing Side Lengths</b>	<b>4.MD.3 (Finding and Using Area and Perimeter Formulas of Rectangles)</b>  Focus 5: Relating Area and Perimeter	Finding Perimeter and Missing Side Lengths  Finding Areas and Missing Side Lengths	Applying the Formula for Perimeter to Solve Real World Problems  Applying the Area Formula to Solve Real World Problems			
<b>Lesson 5</b> Find the Area							SLA 4.MD.3