

TenMarks Curriculum Alignment Guide: GO Math! Grade 3

GO Math! Chapter 1: Addition Concepts

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Number Patterns	Identifying Arithmetic Patterns Using a Hundreds Chart	3.OA.9 (Arithmetic Patterns)	Identifying Arithmetic Patterns Using a Hundreds Chart	Identifying Arithmetic Patterns Using a Hundreds Chart			
		Identifying Arithmetic Patterns Using Addition Tables	Focus 1: Introducing Patterns Focus 2: Patterns on a Hundreds Chart Focus 3: Patterns in Sums of Even and Odd Numbers Focus 4: Identifying Patterns on an Addition Table	Patterns on an Addition Chart	Identifying Arithmetic Patterns Using an Addition Table			
Lesson 2	Round to the Nearest Ten or Hundred	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	Round to Nearest Ten - Within 1,000		
		Place Value and Rounding to the 10s and 100s	Focus 1: Number Sandwiches: Finding the Benchmarks Above and Below	Rounding and Word Problems	Identifying Place Value to 1000 Using Place Value Charts	Round to Nearest Hundred -- Within 1,000		
		Rounding and Word Problems	Focus 2: What's in the Middle?		Rounding to the Nearest Ten or Hundred Using Place Value			
			Focus 3: What is Rounding? Rounding to the Nearest 10 on a Number Line		Rounding Using Base Ten Blocks and a Place Value Chart			
			Focus 4: Rounding to the Nearest 100 on a Number Line		Rounding Using a Hundreds Chart			
			Focus 5: Rounding the Hill					
			Focus 6: Practice and Patterns Rounding to the Nearest 10 and 100					
			Focus 7: Rounding in a Problem Situation					
Lesson 3	Estimate Sums							SLA 3.NBT.1
Lesson 4	Mental Math Strategies for Addition	Subtraction	3.NBT.2 (Fluently Add and Subtract Up to 1,000)	Subtract Three-Digit Numbers Using Regrouping	Subtracting Two 3-Digit Numbers Using a Place Value Chart			
		Addition and Subtraction (Mixed Practice)	Focus 3: Friendly Numbers: Addition	Addition and Subtraction: Check and Balance	Identifying the Missing Number in a 3-Digit Subtraction Problem			
			Focus 7: Hungry Cat: Add and Subtract		Balancing a Subtraction Equation			
					Using Related Addition and Subtraction Facts to Solve Problems			
Lesson 5	Use Properties to Add		3.NBT.2 (Fluently Add and Subtract Up to 1,000)					
			Focus 4: Associative and Commutative Properties					
Lesson 6	Use the Break Apart Strategy to Add		3.NBT.2 (Fluently Add and Subtract Up to 1,000)					
			Focus 2: Break Apart with Addition					
Lesson 7	Use Place Value to Add	Adding in Equations	3.NBT.2 (Fluently Add and Subtract Up to 1,000)	Three-Digit Addition Using Regrouping	Adding Two 3-Digit Numbers Using a Place Value Chart	Add 3-Digit Numbers with Regrouping		

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Focus 8: Addition Algorithm: Base-Ten
Blocks with a Written Record

Identifying the Missing Number in
an Addition Sentence

Balancing an Addition Equation

Lesson 8 Estimate Differences

Lesson 9 Mental Math Strategies for
Subtraction

**3.NBT.2 (Fluently Add and Subtract Up to
1,000)**

Focus 7: Hungry Cat: Add and Subtract

Lesson 10 Use Place Value to Subtract

Subtraction

**3.NBT.2 (Fluently Add and Subtract Up to
1,000)**

Subtract Three-Digit Numbers
Using Regrouping

Subtracting Two 3-Digit Numbers
Using a Place Value Chart

Subtract 3-Digit
Numbers with
Regrouping

Focus 1: Adding and Subtracting within
1,000 with Models, Properties, and Place
Value

Identifying the Missing Number in
a 3-Digit Subtraction Problem

Balancing a Subtraction Equation

Lesson 11 Combine Place Values to
Subtract

SLA 3.NBT.2

Lesson 12 Model Addition and
Subtraction

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GO Math! Chapter 2: Represent and Interpret Data

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Organize Data							
Lesson 2	Use Picture Graphs		3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 1: Collecting Data and Creating Picture Graphs by Ones					
Lesson 3	Make Picture Graphs		3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 2: Scaled Picture Graphs and Choosing an Appropriate Scale		Building Scaled Picture Graphs			
Lesson 4	Use Bar Graphs				Reading Bar Graphs			
Lesson 5	Make Bar Graphs		3.MD.3 (Creating and Interpreting Scaled Graphs) Focus 3: Creating Scaled Bar Graphs Focus 4: Double Bar Graphs Focus 5: Frequency Bar Graphs					
Lesson 6	Solve Problems Using Data	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
				Scaled Picture Graphs	Building Scaled Picture Graphs			
Lesson 7	Use and Make Line Plots	Representing Data Sets that Involve Length	3.MD.4 (Showing Measurement Data on a Line Plot: Halves and Quarters) Focus 4: Answering Questions about Line Plots Focus 5: Make a Line Plot and Pose Questions	Representing Data Sets	Answering Questions About Line Plots: Fractions			

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GO Math! Chapter 3: Understand Multiplication

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Count Equal Groups		3.OA.1 (Interpreting Products of Whole Numbers) Focus 3: Equal Groups as Multiplication: Starting with a Context	Multiplication as Equal Groups or Sets				
Lesson 2	Relate Addition and Multiplication	Relating Multiplication and Addition Multiplication Sentences and Word Problems	3.OA.1 (Interpreting Products of Whole Numbers) Focus 2: Relating Multiplication to Repeated Addition Focus 4: Equal Groups as Multiplication: Starting with a Model Focus 5: Equal Groups as Multiplication: Starting with an Equation	Multiplication Using Skip Counting and Repeated Addition Multiplication as Equal Groups or Sets	Applying Skip Counting Relating Multiplication and Addition Identifying Multiplication Sentences Using Visuals Identifying Multiplication Sentences Using Word Problems			SLA 3.OA.1
Lesson 3	Skip Count on a Number Line		3.OA.3 (Solving Word Problems by Multiplying and Dividing Within 100) Focus 4: Using Number Lines to Solve Multiplication Word Problems					Solving Multiplication Word Problems Using Number Lines
Lesson 4	Model Multiplication		3.OA.8 (Solving Two-Step Word Problems with the Four Operations) Focus 2: Solving Word Problems Using Set Models Focus 5: Solving Word Problems Using Equations					
Lesson 5	Model with Arrays	Solving Multiplication Visually	3.OA.3 (Solving Word Problems by Multiplying and Dividing Within 100) Focus 2: Using Arrays to Solve Multiplication Word Problems	Solving Multiplication Visually	Using an Array to Write Multiplication Sentences Identifying Multiplication Sentences Using Word Problems			
Lesson 6	Commutative Property of Multiplication	Commutative Property	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 7	Multiply with 1 and 0	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			

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GO Math! Chapter 4: Multiplication Facts and Strategies

GO Math! Lessons		TenMarks Resources						
Lesson	GO Math! Lesson	Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Multiply with 2 and 4		3.OA.7 (Multiplying and Dividing within 100) Focus 3: Knowing your 2s, 4s, and 8s					
Lesson 2	Multiply with 5 and 10		3.OA.7 (Multiplying and Dividing within 100) Focus 4: Knowing Your 5s and 10s					
Lesson 3	Multiply with 3 and 6							
Lesson 4	Distributive Property	Distributive Property	3.OA.5 (Applying Properties of Multiplication and Division) Focus 5: Understanding the Distributive Property Focus 6: Applying the Distributive Property to a Word Problem	Distributive Property of Multiplication	Understanding the Distributive Property		Split the Screen	
Lesson 5	Multiply with 7		3.OA.7 (Multiplying and Dividing within 100) Focus 6: Building up Math Facts					
Lesson 6	Associative Property of Multiplication	Associative Property	3.OA.5 (Applying Properties of Multiplication and Division) Focus 4: Understanding the Associative Property of Multiplication	Associative Property of Multiplication	Understanding the Associative Property			
Lesson 7	Patterns on the Multiplication Table	Identify Arithmetic Patterns Using Multiplication Tables	3.OA.9 (Arithmetic Patterns) Focus 5: Identifying Patterns on a Multiplication Table Focus 6: Patterns in Odd and Even Products	Patterns on a Multiplication Chart	Identifying Arithmetic Patterns Using a Multiplication Table			
Lesson 8	Multiply with 8		3.OA.7 (Multiplying and Dividing within 100) Focus 3: Knowing your 2s, 4s, and 8s					
Lesson 9	Multiply with 9	Applying Multiplication Strategies	3.OA.7 (Multiplying and Dividing within 100) Focus 5: Knowing your 9s	Using Multiplication Facts as a Strategy	Solving Multiplication Word Problems Using Number Lines Decomposing Numbers to Multiply Multiplication Using Doubles Facts			
Lesson 10	Multiplication	Fluently Solve Multiplication Problems		Word Problems and Multiplication	Identifying Multiplication Sentences Using Word Problems Multiplication Using Doubles Facts Decomposing Numbers to Multiply	Multiply Within 100		

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GO Math! Chapter 5: Use Multiplication Facts

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Describe Patterns		3.OA.9 (Arithmetic Patterns)					SLA 3.OA.9
			Focus 8: Identifying Patterns Using an Input/Output Table					
Lesson 2	Find Unknown Factors	Identifying Missing Factors and Equations: Multiplication		Identify Missing Factors	Finding Unknown Factors in Multiplication Equations			
					Identifying the Missing Factor Using Place Value			
Lesson 3	Use the Distributive Property							
Lesson 4	Multiplication Strategies with Multiples of 10		3.NBT.3 (Products of 1-Digit Numbers and Multiples of 10)					
			Focus 1: Using Base-Ten Blocks to Find Products					
			Focus 2: Multiplying Values by 10					
			Focus 4: Pattern Hunt					
Lesson 5	Multiply Multiples of 10 by 1-Digit Numbers	Multiplication by Multiples of 10	3.NBT.3 (Products of 1-Digit Numbers and Multiples of 10)	Multiplication Using Facts and Patterns	Multiplying a 1-digit Number by Multiples of 10 Using Visuals			SLA 3.NBT.3
			Focus 3: Using Properties to Scaffold Multiplication of Decade Numbers		Balancing a Multiplication Equation			
			Focus 5: Product Bubbles		Identifying Equivalent Multiplication Expressions			

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GO Math! Chapter 6: Understand Division

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Model Division				Solving Division Word Problems Using Model Sets			
Lesson 2	Size of Equal Groups		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 3	Number of Equal Groups	Relate Division and Subtraction	3.OA.2 (Interpreting Quotients of Whole Numbers) Focus 2: Quotative Division and Repeated Subtraction Focus 3: Group Size vs. Number of Groups Focus 4: Writing Equations to Model Quotative Division	Understand Division Using Subtraction	Rewriting a Division Sentence as Repeated Subtraction Solving Division Using Repeated Subtraction on a Number Line			
Lesson 4	Model with Bar Models	Understanding Division and Word Problems		Understanding Division	Verbally and Visually Representing a Division Equation Writing Division Equations to Solve Word Problems			SLA 3.OA.2
Lesson 5	Relate Subtraction and Division		3.OA.3 (Solving Word Problems by Multiplying and Dividing Within 100) Focus 5: Using Number Lines to Solve Division Word Problems					
Lesson 6	Model with Arrays	Solving Division Visually Solving Multiplication and Division Verbally	3.OA.3 (Solving Word Problems by Multiplying and Dividing Within 100) Focus 3: Using Picture Models and Arrays to Solve Division Word Problems	Solving Division Visually Identify Missing Numbers in Division	Using an Array to Write Division Sentences Verbally and Visually Representing a Division Equation		App Operations	SLA 3.OA.3
Lesson 7	Relate Multiplication and Division	Relating Division to Multiplication Solve Division Problems with Visuals and Word Problems	3.OA.6 (Relating Multiplication and Division – Unknown Factors) Focus 1: Understanding Fact Families Focus 2: Dividing Using Arrays Focus 3: Dividing Using Skip Counting Focus 4: Dividing Using Bar Models Focus 5: Relating Multiplication and Division to Solve Problems	Relating Division and Multiplication Solving Division Visually	Relate \times & \div to Identify the Product & Quotient Identifying the Quotient Using Multiplication Identifying a Missing Dividend or Divisor Using Multiplication Solving Division Word Problems Using Number Lines Identifying Related Multiplication & Division Sentences			SLA 3.OA.6
Lesson 8	Write Related Facts		3.OA.7 (Multiplying and Dividing within 100) Focus 1: Using Fact Families to Multiply and Divide Fluently Focus 7: Related Facts – Multiplication and Division					
Lesson 9	Division Rules for 1 and 0		3.OA.5 (Applying Properties of Multiplication and Division)					SLA 3.OA.5

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Focus 1: Understanding the Identity
Property of Multiplication

Focus 2: Understanding the Zero Property
of Multiplication

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GO Math! Chapter 7: Division Facts and Strategies

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Divide by 2	Doubles and Halves (Division Problems)		Dividing Using Doubles and Halves	Understanding Dividing By 2 Using a Visual Doubles and Halving Division Problems			
Lesson 2	Divide by 10							
Lesson 3	Divide by 5							
Lesson 4	Divide by 3							
Lesson 5	Divide by 4							
Lesson 6	Divide by 6							
Lesson 7	Divide by 7							
Lesson 8	Divide by 8							
Lesson 9	Divide by 9	Fluently Solve Division Problems		Understanding Division	Solving Division Word Problems Using Model Sets Identifying the Quotient Using Multiplication	Divide Within 100		
Lesson 10	Two-Step Problems	Solving Word Problems Using Equations & Estimation	3.OA.8 (Solving Two-Step Word Problems with the Four Operations) Focus 4: Solving Word Problems Using Tape Diagrams Focus 6: Using Estimation to Check the Reasonableness of Answers 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			SLA 3.OA.8
Lesson 11	Order of Operations		Focus 3: Solving Problems Using the Basic Order of Operations					

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GO Math! Chapter 8: Understanding Fractions

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Equal Parts of a Whole		3.NF.1 (Understanding Unit and Composite Fractions) Focus 1: Partitioning Wholes					
Lesson 2	Equal Shares							
Lesson 3	Unit Fractions of a Whole		3.NF.1 (Understanding Unit and Composite Fractions) Focus 2: Finding Unit Fractions Focus 4: Reasoning from Part to Whole					
Lesson 4	Fractions of a Whole	Fractions and Area Models	3.NF.1 (Understanding Unit and Composite Fractions) Focus 5: Counting to Find Composite Fractions	Understanding Fractions Through Area Models	Partitioning Shapes Using Models			SLA 3.NF.1
		Fractions and Length Models		Understanding Fractions Using Length Models	Identifying Fractions Using Length Models			
Lesson 5	Fractions on a Number Line	Fractions with Number Lines 0-1	3.NF.2 (Relating Fractions to Number Lines) Focus 1: Partitioning a Number Line Focus 2: Naming Equal Parts on a Number Line Focus 3: Locating Unit Fractions on Number Lines Focus 4: Counting to Find Composite Fractions Focus 5: Locating Composite Fractions on Number Lines	Understanding Fractions Using Number Lines	Identifying Fractions Using Number Lines			SLA 3.NF.2
		Fractions with Number Lines 0-4		Extend the Number Line to Explore Fractions	Identifying Fractions Using Number Lines			
Lesson 6	Relate Fractions and Whole Numbers		3.NF.3 (Understanding Equivalent Fractions) Focus 6: Whole Numbers and Fractions with Area/Length Models					
		Whole Numbers as Fractions	Focus 7: Whole Numbers and Fractions with Number Lines Focus 8: Divide Sets to Find Whole Numbers as Fractions	Writing Whole Numbers as Fractions	Identifying Equivalent Fractions Using Models and Number Lines			
Lesson 7	Fractions of a Group	Introduction to Set Models	Focus 3: Finding Unit Fractions of Set Models	Understanding Fractions of a Group	Set Models to Represent Fractions			
Lesson 8	Find Part of a Group Using Unit Fractions			Understanding Fractions of a Group	Set Models to Represent Fractions			
Lesson 9	Find the Whole Group Using Unit Fractions	Advanced Sets and Groups		Understanding Fractions of a Group	Set Models to Represent Fractions			

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GO Math! Chapter 9: Compare Fractions

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Compare Fractions							
Lesson 2	Compare Fractions with the Same Denominator		3.NF.3 (Understanding Equivalent Fractions) Focus 9: Comparing Fractions with Like Denominators				Peculiar Pizzas	
Lesson 3	Compare Fractions with the same Numerator		3.NF.3 (Understanding Equivalent Fractions) Focus 10: Comparing Fractions with Like Numerators				Deep Dish Pizzas	
Lesson 4	Compare Fractions		3.NF.3 (Understanding Equivalent Fractions) Focus 11: Comparing Fractions with the Same Whole					
Lesson 5	Compare and Order Fractions	Comparing Fractions		Comparing Fractions	Comparing Fractions Using Words and Symbols			
Lesson 6	Model Equivalent Fractions		3.NF.3 (Understanding Equivalent Fractions) Focus 1: Making Equivalent Fractions with Area Models Focus 2: Making Equivalent Fractions with Length Models Focus 3: Making Equivalent Fractions with Number Lines (Less than 1) Focus 4: Making Equivalent Fractions with Number Lines (Greater than 1)					
Lesson 7	Equivalent Fractions	Simple Equivalent Fractions Equivalent Fractions	3.NF.3 (Understanding Equivalent Fractions) Focus 5: Finding Equivalent Fractions Numerically	Identifying Equivalent Fractions	Identifying Equivalent Fractions Using Models and Number Lines			SLA 3.NF.3

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GO Math! Chapter 10: Time, Length, Liquid Volume, and Mass

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Time to the Minute		3.MD.1 (Time to the Minute and Elapsed Time) Focus 1: Time to the Minute on an Analog Clock Focus 2: Time to the Minute, Analog and Digital Clocks Focus 3: Time to the Nearest Minute	Identifying Time Using Clocks	Telling Time to the Nearest Minute			
Lesson 2	A.M. and P.M.							
Lesson 3	Measure Time Intervals	Identifying Time Using Clocks	3.MD.1 (Time to the Minute and Elapsed Time)	Identifying Time Using Clocks	Telling Time to the Nearest Minute			
Lesson 4	Use Time Intervals		Focus 4: Introduction to Elapsed Time Focus 5: Approaching Problems Involving Elapsed Time					
Lesson 5	Time Intervals	Addition & Subtraction of Time Intervals	3.MD.1 (Time to the Minute and Elapsed Time) Focus 6: Finding Durations of Time Focus 7: Strategies for Finding Durations of 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
Lesson 6	Measure Length	Representing Data Sets that Involve Length	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 Focus 3: Number Line to Line Plot Focus 6: Not Starting with Zero	Representing Data Sets	Answering Questions About Line Plots: Fractions			SLA 3.MD.4
Lesson 7	Estimate and Measure Liquid Volume		3.MD.2 (Liquid Volume and Mass) Focus 1: Understanding Liquid Volume Focus 2: Estimating Liquid Volume Focus 3: Measuring Liquid Volume		Estimating Volume Using Benchmarks			
Lesson 8	Estimate and Measure Mass	Estimating & Measuring Volume and Mass	3.MD.2 (Liquid Volume and Mass) Focus 4: Understanding Mass	Estimating and Measuring Volume and Mass	Estimating Mass Using Benchmarks			

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Focus 5: Estimating Mass

Focus 6: Measuring Mass

Lesson 9	Solve Problems About Liquid Volume and Mass	Word Problems Involving Mass and Volume	3.MD.2 (Liquid Volume and Mass)	Word Problems Involving Mass and Volume	Finding Mass Given One-Step Word Problems and a Visual Finding Volume Given One-Step Word Problems and a Visual	SLA 3.MD.2
			Focus 7: Adding and Subtracting to Solve Measurement Problems Focus 8: Multiplying and Dividing to Solve Measurement Problems			

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GO Math! Chapter 11: Perimeter and Area

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Model Perimeter		3.MD.8 (Solving Perimeter Problems) Focus 1: Perimeter with Models					
Lesson 2	Find Perimeter		3.MD.8 (Solving Perimeter Problems) Focus 2: Perimeter of Irregular Shapes Focus 3: Perimeter of Irregular Shapes with No Grids					
Lesson 3	Find Unknown Side Lengths	Using Perimeter in Word Problems	3.MD.8 (Solving Perimeter Problems) Focus 4: Missing Sides and Perimeter Focus 5: Missing Sides with Rectilinear Shapes	Perimeter and Word Problems	Identifying Perimeter Mathematically			
Lesson 4	Understand Area		3.MD.5 (Understanding Area Measurement) Focus 1: Defining Area Focus 2: What Can I Measure With Area? Focus 3: Comparing Areas Focus 4: Equipartitioning and Unit Squares Focus 5: Understanding Unit Squares					SLA 3.MD.5
Lesson 5	Measure Area	Find Areas of Squares and Rectangles with Unit Squares Comparing Areas Identifying Area of Rectangles Made up of Unit Squares	3.MD.5 (Understanding Area Measurement) Focus 6: Understanding Tiling Focus 7: Using Unit Squares to Measure Area Focus 8: Connecting Area and Unit Squares 3.MD.6 (Measuring Area by Counting Unit Squares) Focus 1: Relating Area and Arrays Focus 2: Measuring Area by Counting Unit Squares	Area of Rectangles Using Unit Squares	Identifying Area of a Rectangle by Counting Unit Squares Understanding Area of Rectangles by Counting Unit Squares Identifying the Area of a Rectangle with Appropriate Units			SLA 3.MD.5 SLA 3.MD.6
Lesson 6	Use Area Models	Length, Width, and Area	3.MD.7a (Relating Area to Multiplication) Focus 3: Relating Area and Arrays Focus 4: Comparing Strategies	Understanding Area	Using Repeated Addition and Multiplication to Find Area Identifying Length and Width Comparing Areas of Rectangles		App Operations	

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Focus 5: Finding Area Efficiently

Lesson 7	Area of Rectangles	Multiplying to Find the Area of Rectangles	3.MD.7b (Solving Area Problems)	Understanding Area	Using Repeated Addition and Multiplication to Find Area
			Focus 2: Representing Word Problems Using Area Models		Comparing Areas of Rectangles
			Focus 3: Finding Missing Side Lengths: Part 1		
			Focus 4: Finding Missing Side Lengths: Part 2		
			Focus 5: Finding Missing Side Lengths: Part 3		
			Focus 6: Comparing Areas		
			Focus 7: Choosing the Largest Area		
Lesson 8	Area of Combined Rectangles	Area Models and the Distributive Property	3.MD.7c (Area Models and the Distributive Property)	Using the Distributive Property to Find Area	Using Area Models and the Distributive Property to Find the Area SLA 3.MD.7
		Decomposing Rectilinear Figures to Find the Area	Focus 1: Area and the Distributive Property - Part 1	Decomposing Figures to Find Area	Applying the Area Formula to Solve Real World Problems
			Focus 2: Area and the Distributive Property - Part 2		
			Focus 3: Tiling and the Distributive Property		
			3.MD.7d (Area Is Additive)		
			Focus 2: Area Is Additive (Conservation of Area over Composition/Decomposition)		
			Focus 3: Decomposing Figures into Rectangles		
			Focus 4: Decomposing Figures to Find Area in Multiple Ways		
Lesson 9	Same Perimeter, Different Areas		3.MD.8 (Solving Perimeter Problems)		Zoo Designer
			Focus 6: Same Perimeter, Different Area		
Lesson 10	Same Area, Different Perimeters	Identifying Perimeter Mathematically	3.MD.8 (Solving Perimeter Problems)	Understanding Perimeter	Identifying Perimeter Mathematically SLA 3.MD.8
			Focus 7: Same Area, Different Perimeter		

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GO Math! Chapter 12: Two-Dimensional Shapes

GO Math! Lessons		TenMarks Resources						
		Assignments	Lessons	Amplifiers	Videos	Jam Sessions	Labs	Assessments
Lesson 1	Describe Plane Shapes							
Lesson 2	Describe Angles in Plane Shapes		3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 3: Sorting Shapes by Square Angles					
Lesson 3	Identify Polygons							
Lesson 4	Describe Sides of Polygons							
Lesson 5	Classify Quadrilaterals		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 6	Draw Quadrilaterals		3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 5: Drawing Quadrilaterals with Shared Attributes					
Lesson 7	Describe Triangles							
Lesson 8	Classify Plane Shapes	Identifying Quadrilaterals	3.G.1 (Understand How Attributes of Shapes Relate to Their Categories) Focus 4: Understanding Shared Attributes	Identifying Quadrilaterals	Identifying Quadrilaterals			SLA 3.G.1
Lesson 9	Relate Shapes, Fractions, and Area	Partitioned Shapes	3.G.2 (Partitioning into Equal Areas) Focus 1: Partitioning Circles and Rectangles into Halves, Fourths, and Eighths Focus 2: Partitioning Circles and Rectangles into Thirds and Sixths Focus 3: Partitioning into Arrays Focus 4: Partitioning Other Shapes Focus 5: Reasoning from Part to Whole and Finding Missing Parts	Understanding Fractions Through Area Models	Partitioning Shapes and Writing Fractions			SLA 3.G.2