

Math 1: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Number Sense	Understand numeration, number theory and number systems.					
		Read Numbers	Read whole numbers up to 100. Use one-to-one correspondence to count objects up to 100.			
				10147	Stop and Smell the Flowers	Read whole numbers up to 100. Use one-to-one correspondence to count objects up to 100.
					Lesson Quiz: Read Numbers	
		Compare Numbers	Compare and order whole numbers up to 100 by understanding the concepts of greater than, less than, and equality.			
				10097	A Day at the Beach	Compare and order whole numbers up to 100 by understanding the concepts of greater than, less than, and equality.
					Lesson Quiz: Compare Numbers	
		Ordinal Numbers	Match ordinal numbers with an ordered set of up to ten items. Identify first, second, and third by name.			
				10092	Going Bananas Over Ordinals	Match ordinal numbers with an ordered set of up to ten items. Identify first, second, and third by name.
					Lesson Quiz: Ordinal Numbers	
		Whole Numbers	Define whole numbers.			
				AT1001	Authentic Task: Whole Numbers	Define whole numbers.
					Lesson Quiz: Whole Numbers	

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		Count Numbers	Count forward and backward by ones and count forward by tens from any number less than 100.			
				10100	Number Magic	Count forward and backward by ones and count forward by tens from any number less than 100.
					Lesson Quiz: Count Numbers	
		Place Value	Identify the place value of a digit in whole numbers to 100. Identify the value of digits up to the hundreds place.			
				10101	Places, Everyone!	Identify the place value of a digit in whole numbers to 100. Identify the value of digits up to the hundreds place.
					Lesson Quiz: Place Value	
		Compare with Place Value	Group objects by tens and ones. Compare and order whole numbers up to 100 using place value.			
				10194	Sticker Fun	Group objects by tens and ones. Compare and order whole numbers up to 100 using place value.
					Lesson Quiz: Compare with Place Value	
		Count by Twos and Fives	Count forward by twos and fives up to 50.			
				10103	There's a Faster Way	Count forward by twos and fives up to 50.
					Lesson Quiz: Count by Twos and Fives	
		Odd and Even Numbers	Model and identify even and odd numbers.			
				10114	Instruction/Practice: Identify Even and Odd Numbers	Instruction/Practice: Learn to pair up a group of objects to see if there is an odd or even number of objects.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Lesson Quiz: Odd and Even Numbers	Assessment: Quiz. Demonstrate an ability to identify odd and even numbers. Identify if there is an odd or even number of objects.
					Chapter Test: Number Sense	
Fractions	Understand relationships among numbers and ways of representing fractional numbers.					
		Equal and Unequal Parts	Identify equal and unequal parts of wholes.			
				10195	Instruction/Practice: Equal and Unequal Parts	Instruction/Practice: Learn to identify equal and unequal parts of wholes.
					Lesson Quiz: Equal and Unequal Parts	
		Halves and Fourths	Identify and demonstrate fractions ($1/2$, $1/4$) as parts of whole and parts of a set using concrete materials and drawings.			
				10118	The Art of Fractions	Identify and demonstrate fractions ($1/2$, $1/4$) as parts of whole and parts of a set using concrete materials and drawings.
					Lesson Quiz: Halves and Fourths	
		Thirds	Identify and demonstrate thirds and $1/3$ of wholes using concrete materials and objects.			
				10112	Fraction Fair	Identify and demonstrate thirds and $1/3$ of wholes using concrete materials and objects.
					Lesson Quiz: Thirds	
		Equal Fractions	Identify equivalent fractional parts as a whole.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10148	The Whole Picnic	Identify equivalent fractional parts as a whole.
					Lesson Quiz: Equal Fractions	
					Chapter Test: Fractions	
Operations	Understand the meanings of operations and how they are related to one another.					
		Adding and Subtracting	Demonstrate understanding of the meaning of addition and subtraction by using language such as put together, take away, increase, decrease, compare, and find the difference. Relate informal language to mathematical language and symbols.			
				10120	Something Fishy	Demonstrate understanding of the meaning of addition and subtraction by using language such as put together, take away, increase, decrease, compare, and find the difference. Relate informal language to mathematical language and symbols.
				OA007	The Truth About Addition and Subtraction	Work with addition and subtraction equations. Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
				AQOA007	Activity Quiz: The Truth About Addition and Subtraction	
					Lesson Quiz: Adding and Subtracting	

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		Place Value	When given any number up to 100, identify one more than, one less than, 10 more than, and 10 less than.			
				10121	Number Jump	When given any number up to 100, identify one more than, one less than, 10 more than, and 10 less than.
					Lesson Quiz: Place Value	
		Equal Numbers	Using diagrams and/or numerical expressions, represent equivalent forms of the same number up to 12.			
				10119	Card Buddies	Using diagrams and/or numerical expressions, represent equivalent forms of the same number up to 12.
					Lesson Quiz: Equal Numbers	
		One-digit Addition	Solve one-digit addition problems.			
				10122	Addition Farm	Solve one-digit addition problems.
					Lesson Quiz: One-digit Addition	
		One-digit Subtraction	Solve one-digit subtraction problems.			
				10124	Subtraction Forest	Solve one-digit subtraction problems.
					Lesson Quiz: One-digit Subtraction	
		Sum of Three Addends	Find the sum of three one-digit numbers.			
				10123	Spot Safari	Find the sum of three one-digit numbers.
				OA003	Adding 3 Numbers (up to 10)	Find the sum of three one-digit numbers with sums equal to or less than 10 using multiple strategies. Use objects, drawings, and equations.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				ATOA003	Authentic Task: Adding Three Numbers Whose Sum is Less Than or Equal to 10	Solve word problems involving three numbers.
				AQOA003	Activity Quiz: Adding 3 Numbers (up to 10)	
				OA004	Adding 3 Numbers (up to 20)	Find the sum of three one-digit numbers with sums equal to or less than 20 using multiple strategies. Use objects, drawings, and equations.
				ATOA004	Authentic Task: Adding Three Numbers Whose Sum is Less Than or Equal to 20	Solve word problems involving three numbers.
				AQOA004	Activity Quiz: Adding 3 Numbers (up to 20)	
					Lesson Quiz: Sum of Three Addends	
		Two-digit Addition	Solve two-digit addition problems.			
				10125	Instruction/Practice: Solving Addition Problems (without regrouping)	Instruction/Practice: Learn to solve 2-digit addition problems without regrouping.
				QZM2029	Quiz: Solving Addition Problems (without regrouping)	Assessment: Quiz. Demonstrate an ability to solve addition problems without regrouping.
				NBT003	Adding Within 100	Add within 100, including adding a two-digit number and a one-digit number using concrete models or drawings and strategies based on place value and properties of operations. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.
				AQNBT003	Activity Quiz: Adding Within 100	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				NBT004	Explaining How to Add	Add within 100, including adding a two-digit number and a two-digit number using concrete models or drawings and strategies based on place value and properties of operations. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten. Relate the strategy to a written method and explain the reasoning used.
				AQNBT004	Activity Quiz: Explaining How to Add	
					Lesson Quiz: Two-digit Addition	
		Zero as a Placeholder	Explain the meaning of zero and its function as a placeholder. Explore adding and subtracting zero.			
				10126	Thinking About Zero	Explain the meaning of zero and its function as a placeholder. Explore adding and subtracting zero.
					Lesson Quiz: Zero as a Placeholder	
		Addition and Subtraction Strategies	Solve for basic addition and subtraction facts by using strategies such as counting on, counting back, doubling, doubling plus one, and making ten.			
				10127	Instruction/Practice: Addition Strategies	Instruction/Practice: Learn to use a ten frame and the make a ten strategy to add within 20.
				10129	Instruction/Practice: Addition and Subtraction Strategies	Instruction/Practice: Learn to use strategies such as counting on, counting back, and using a related addition fact to add and subtract within 20.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				QZM2009	Quiz: Addition and Subtraction Strategies	Assessment: Quiz. Demonstrate an ability to use strategies such as making a ten, counting on, counting back, and using a related addition fact to add and subtract numbers within 20.
				OA005	Decomposing to Get a Ten - Addition	Add within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as decomposing a number leading to a ten and creating equivalent but easier or known sums.
				AQOA005	Activity Quiz: Decomposing to Get a Ten - Addition	
				OA006	Decomposing to Get a Ten - Subtraction	Subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as decomposing a number leading to a ten and creating equivalent but easier or known sums.
				AQOA006	Activity Quiz: Decomposing to Get a Ten - Subtraction	
					Lesson Quiz: Addition and Subtraction Strategies	
		One-Digit Word Problems	Solve addition and subtraction one-digit word problems by selecting the proper operation.			
				10128	No Problem Pond	Solve addition and subtraction one-digit word problems by selecting the proper operation.
					Lesson Quiz: One-Digit Word Problems	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Problem Solving Strategies	Choose an appropriate method, such as using concrete materials, mental math, or paper and pencil to solve real-world addition and subtraction problems.			
				10140	Wonder Sally	Choose an appropriate method, such as using concrete materials, mental math, or paper and pencil to solve real-world addition and subtraction problems.
					Lesson Quiz: Problem Solving Strategies	
		Estimation Language	Use the appropriate language of estimation such as about, near, closer to, and between to identify and describe numbers in real-world situations.			
				10130	Flying Kites	Use the appropriate language of estimation such as about, near, closer to, and between to identify and describe numbers in real-world situations.
					Lesson Quiz: Estimation Language	
		Estimate	Estimate reasonable answers to compare amounts, count objects, and solve basic facts.			
				10131	Monkey Business	Estimate reasonable answers to compare amounts, count objects, and solve basic facts.
				10132	Estimating Cookies	Estimate reasonable answers to compare amounts, count objects, and solve basic facts.
					Lesson Quiz: Estimate	
					Chapter Test: Operations	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Money	Understand the concept of money.					
		Coin Values	Identify and name the values of coins (penny, nickel, dime) and show different combinations of coins that equal the same value, up to 75¢. Recognize and use the cents sign.			
				10133	Perfect Cents	Identify and name the values of coins (penny, nickel, dime) and show different combinations of coins that equal the same value, up to 75¢. Recognize and use the cents sign.
					Lesson Quiz: Coin Values	
		Count Money	Identify and count money to equal an amount using the fewest coins.			
				10134	Piggy Bank Jingle	Identify and count money to equal an amount using the fewest coins.
					Lesson Quiz: Count Money	
		Model Money Amounts	Identify and count money to equal an amount using the fewest coins.			
				10135	More Than One Way	Identify and count money to equal an amount using the fewest coins.
					Lesson Quiz: Model Money Amounts	
		Add and Subtract Money	Solve simple addition and subtraction problems involving the use of pennies, nickels, and dimes up to 50¢.			
				10136	Instruction/Practice: Add Money	Instruction/Practice: Learn to solve simple addition problems involving the use of pennies, nickels, and dimes up to 50¢.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10137	Instruction/Practice: Subtract Money	Instruction/Practice: Learn to solve simple subtraction problems involving the use of pennies, nickels, and dimes up to 50¢.
					Lesson Quiz: Add and Subtract Money	
					Chapter Test: Money	
Patterns	Understand patterns, relations, and functions.					
		Sort Using One Attribute	Sort and classify objects by one attribute.			
				10138	Sorting Things Out	Sort and classify objects by one attribute.
					Lesson Quiz: Sort Using One Attribute	
		Sort Using Two Attributes	Sort and classify objects by two or more attributes.			
				10139	The Super Sorter	Sort and classify objects by two or more attributes.
					Lesson Quiz: Sort Using Two Attributes	
		Rules for Sorting	Justify rules for sorting and classifying.			
				10198	Fun Sports	Justify rules for sorting and classifying.
					Lesson Quiz: Rules for Sorting	
		Build Patterns	Use one attribute to create a pattern. Identify errors in repeating patterns.			
				10141	Perfect Patterns	Use one attribute to create a pattern. Identify errors in repeating patterns.
					Lesson Quiz: Build Patterns	
		Classify Patterns	Classify, describe, and extend patterns of objects using a wide variety of attributes (i.e., size, shape, color).			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10142	All Kinds of Patterns	Classify, describe, and extend patterns of objects using a wide variety of attributes (i.e., size, shape, color).
					Lesson Quiz: Classify Patterns	
		Picture and Number Patterns	Predict and extend pictorial patterns. Identify and generate patterns in number pairs by adding to a T-chart.			
				10143	Perfect Predictions	Predict and extend pictorial patterns. Identify and generate patterns in number pairs by adding to a T-chart.
					Lesson Quiz: Picture and Number Patterns	
		Repeating and Growing Patterns	Explore and create repeating patterns and growing patterns and generate rule for such patterns.			
				10144	Time to Get Growing	Explore and create repeating patterns and growing patterns and generate rule for such patterns.
					Lesson Quiz: Repeating and Growing Patterns	
		Patterns on a Hundreds Chart	Explore patterns of numbers on a hundreds chart.			
				10146	A Hundreds Chart Helps	Explore patterns of numbers on a hundred chart.
					Lesson Quiz: Patterns on a Hundreds Chart	
		Skip Counting	Use patterns to skip count by 2s, 5s, and 10s to 100. Understand and identify odd and even numbers.			
				M2019	Instruction: Counting by 2, 5, and 10	Instruction: Instructional Video. Learn to count by 2, 5, and 10.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10145	Supported Practice/Independent Practice: Counting by 2, 5, and 10	Supported/Independent Practice: Practice counting by 2, 5, and 10.
					Lesson Quiz: Skip Counting	
		Extend Number Patterns	Predict and extend existing numerical patterns using addition.			
				10171	Rhino Raider	Predict and extend existing numerical patterns using addition.
					Lesson Quiz: Extend Number Patterns	
					Chapter Test: Patterns	
Algebra	Represent and analyze mathematical situations and structures using algebraic symbols.					
		Order Property	Use the Commutative Property of Addition in solving problems.			
				10172	Rubber Duckies	Use the Commutative Property of Addition in solving problems.
					Lesson Quiz: Order Property	
		Add and Subtract Numbers	Using objects and pictures, model situations that involve the addition and subtraction of whole numbers.			
				10161	Back to Work	Using objects and pictures, model situations that involve the addition and subtraction of whole numbers.
					Lesson Quiz: Add and Subtract Numbers	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Fact Families	Identify fact families by understanding the patterns in related addition and subtraction sentences.			
				10160	Fact Finding	Identify fact families by understanding the patterns in related addition and subtraction sentences.
					Lesson Quiz: Fact Families	
		Number Sentences	Using objects, create models that represent a variety of number sentences including the missing addend.			
				10173	Surf's Up	Using objects, create models that represent a variety of number sentences including the missing addend.
					Lesson Quiz: Number Sentences	
		Equal and Unequal	Use concrete objects and pictorial representations to explore equalities and inequalities.			
				10162	Stick to It	Use concrete objects and pictorial representations to explore equalities and inequalities.
					Lesson Quiz: Equal and Unequal	
		Greater Than and Less Than	Use concrete objects to solve number sentences with equalities and inequalities using the symbols .			
				10163	Sticky Situation	Use concrete objects to solve number sentences with equalities and inequalities using the symbols .
					Lesson Quiz: Greater Than and Less Than	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Solve for Unknown Numbers	Solve addition and subtraction problems with an unknown number represented by a geometric shape.			
				10164	Across the Swamp	Solve addition and subtraction problems with an unknown number represented by a geometric shape.
				10165	Milk Bottle Bash	Solve addition and subtraction problems with an unknown number represented by a geometric shape.
					Lesson Quiz: Solve for Unknown Numbers	
					Chapter Test: Algebra	
Shapes	Analyze characteristics and properties of two-and three-dimensional shapes.					
		Straight and Curved Lines	Compare plane figures based on their straight and curved lines.			
				10094	Bongo Gets It Straight!	Compare plane figures based on their straight and curved lines.
					Lesson Quiz: Straight and Curved Lines	
		Open and Closed Shapes	Identify open and closed figures.			
				10093	Open Sez-A-Me	Identify open and closed figures.
					Lesson Quiz: Open and Closed Shapes	
		Plane and Solid Shapes	Identify circles, triangles, and rectangles (including squares), and describe the shape of balls, boxes, cans, and cones. Sort shapes by attributes (sides, curves, corners).			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10196	Fishing for Shapes	Identify circles, triangles, and rectangles (including squares), and describe the shape of balls, boxes, cans, and cones. Sort shapes by attributes (sides, curves, corners).
				10197	Solid Descriptions	Identify circles, triangles, and rectangles (including squares), and describe the shape of balls, boxes, cans, and cones. Sort shapes by attributes (sides, curves, corners).
				10095	All Sorts of Ways	Identify circles, triangles, and rectangles (including squares), and describe the shape of balls, boxes, cans, and cones. Sort shapes by attributes (sides, curves, corners).
					Lesson Quiz: Plane and Solid Shapes	
		Special Plane Shapes	Recognize plane shapes such as hexagons, trapezoids, and rhombi.			
				10113	Instruction/Practice: Special Plane Shapes	Instruction/Practice: Learn to recognize plane shapes such as hexagons, trapezoids, and rhombi.
					Lesson Quiz: Special Plane Shapes	
		Attributes of Plane Shapes	Describe and compare attributes (sides, vertices, angles) of two-dimensional shapes.			
				10149	Lost and Found	Describe and compare attributes (sides, vertices, angles) of two-dimensional shapes.
					Lesson Quiz: Attributes of Plane Shapes	
		Name Solid Shapes	Recognize solid shapes such as spheres, cylinders, cones, and cubes.			
				10166	Hang Ten	Recognize solid shapes such as spheres, cylinders, cones, and cubes.
					Lesson Quiz: Name Solid Shapes	

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		Attributes of Solid Shapes	Describe and compare attributes (edges, vertices, faces) of three-dimensional shapes.			
				10150	A Dream Home Come True	Describe and compare attributes (edges, vertices, faces) of three-dimensional shapes.
					Lesson Quiz: Attributes of Solid Shapes	
		Congruent Shapes	Identify congruent two- and three-dimensional shapes.			
				10104	Along for the Ride	Identify congruent two- and three-dimensional shapes.
				10167	Stuck on Shapes	Identify congruent two- and three-dimensional shapes.
					Lesson Quiz: Congruent Shapes	
					Chapter Test: Shapes	
Positions	Specify locations and describe spatial relationships using coordinate geometry.					
		Positions of Objects	Describe relative positions of objects or shapes using words such as top, middle, on, inside, and outside.			
				10174	Sail Away	Describe relative positions of objects or shapes using words such as top, middle, on, inside, and outside.
					Lesson Quiz: Positions of Objects	
		Direction Words	Interpret directional words such as left, right, up, and down.			
				10255	Where Did It Go?	Interpret directional words such as left, right, up, and down.
					Lesson Quiz: Direction Words	

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		Position Words	Identify, locate, and move objects according to positional words such as to the left, above, and behind.			
				10115	Hidden Treasure	Identify, locate, and move objects according to positional words such as to the left, above, and behind.
					Lesson Quiz: Position Words	
		The Number Line	Locate, plot, and identify known and unknown numbers on a number line from 0 to 20 by ones and from 1 to 100 by tens.			
				10199	Special Delivery	Locate, plot, and identify known and unknown numbers on a number line from 0 to 20 by ones and from 1 to 100 by tens.
					Lesson Quiz: The Number Line	
					Chapter Test: Positions	
Using Shapes	Apply transformations and use symmetry to analyze mathematical situations.					
		Slides and Turns	Identify slides and turns with objects.			
				10151	All Turned Around	Identify slides and turns with objects.
					Lesson Quiz: Slides and Turns	
		Congruent Shapes	Identify matching pairs of congruent figures that have been turned or flipped.			
				10152	Match It Up	Identify matching pairs of congruent figures that have been turned or flipped.

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					Lesson Quiz: Congruent Shapes	
		Symmetry	Identify lines of symmetry in two-dimensional shapes.			
				10153	Super Symmetry	Identify lines of symmetry in two-dimensional shapes.
					Lesson Quiz: Symmetry	
					Chapter Test: Using Shapes	
Spatial Sense	Use visualization, spatial reasoning, and geometric modeling to solve problems.					
		Build Shapes	Create two-dimensional and three-dimensional shapes using other shapes (e.g., two squares make a rectangle).			
				10096	Gem of an Idea	Create two-dimensional shapes using other shapes (e.g., two squares make a rectangle).
				G011	Making Shapes	Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) to create a composite shape, and compose new shapes from the composite shape.
				AQG011	Activity Quiz: Making Shapes	
				G012	Building Solids	Compose three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.
				AQG012	Activity Quiz: Building Solids	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Lesson Quiz: Build Shapes	
		Plane and Solid Shapes	Recognize two- and three-dimensional shapes from various perspectives.			
				10154	Super Shape Safari	Recognize two- and three-dimensional shapes from various perspectives.
					Lesson Quiz: Plane and Solid Shapes	
		Perimeter and Area	Compare perimeter and area of two-dimensional shapes in terms of less than, equal to, or greater than.			
				10168	Mango's Diner	Compare perimeter and area of two-dimensional shapes in terms of less than, equal to, or greater than.
					Lesson Quiz: Perimeter and Area	
		Shapes Around Us	Recognize geometric shapes in the environment.			
				10155	Hunting at Home	Recognize geometric shapes in the environment.
					Lesson Quiz: Shapes Around Us	
		Pattern Blocks	Use pattern blocks to form shapes. Identify combined shapes in nature, art, and architecture.			
				10116	Pictures with Pattern Blocks	Use pattern blocks to form shapes. Identify combined shapes in nature, art, and architecture.
					Lesson Quiz: Pattern Blocks	
					Chapter Test: Spatial Sense	

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Time	Understand the attributes of time and apply appropriate techniques, tools, and formulas to determine measurements.					
		Calendar	Identify the names of the week and months of the year using a calendar.			
				10156	Keeping Track of Time	Identify the names of the week and months of the year using a calendar.
					Lesson Quiz: Calendar	
		Passage of Time	Identify the key words that name the passage of time such as yesterday, afternoon, night, and day.			
				10157	Time Signals	Identify the key words that name the passage of time such as yesterday, afternoon, night, and day.
					Lesson Quiz: Passage of Time	
		Tools for Telling Time	Identify tools for measuring time such as clocks and calendars and name parts of each tool.			
				10158	It's About Time	Identify tools for measuring time such as clocks and calendars and name parts of each tool.
					Lesson Quiz: Tools for Telling Time	
		Time to the Hour and Half-hour	Tell time on analog and digital clocks to hour and half hour, and relate time events using shorter/longer.			
				10169	Dinnertime at the Swamp	Tell time on analog and digital clocks to hour and half hour, and relate time events using shorter/longer.

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					Lesson Quiz: Time to the Hour and Half-hour	
		Elapsed Time	Solve simple real-world problems involving elapsed time to the hour and half hour and minutes.			
				10159	Time to Go	Solve simple real-world problems involving elapsed time to the hour and half hour and minutes.
					Lesson Quiz: Elapsed Time	
					Chapter Test: Time	
Length	Understand the attributes of length and apply appropriate techniques, tools, and formulas to determine measurements.					
		Non-standard Units	Use nonstandard units to estimate and measure lengths.			
				10175	Subrageous	Use nonstandard units to estimate and measure lengths.
					Lesson Quiz: Non-standard Units	
		Compare Lengths	Compare the length of two or more objects by using direct comparison or by using nonstandard units.			
				10176	Snake Safari	Compare the length of two or more objects by using direct comparison or by using nonstandard units.
					Lesson Quiz: Compare Lengths	

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		Customary Units	Use customary units to measure, compare, and order objects according to lengths, in inches and feet.			
				10170	Fish Tales	Use customary units to measure, compare, and order objects according to lengths, in inches and feet.
					Lesson Quiz: Customary Units	
		Tools and Units	Choose the appropriate unit and tool to measure length.			
				10177	Easy Does It	Choose the appropriate unit and tool to measure length.
					Lesson Quiz: Tools and Units	
		Metric Units	Use metric units to measure, compare, and order objects according to lengths.			
				10178	A Good Day Fishing	Use metric units to measure, compare, and order objects according to lengths.
					Lesson Quiz: Metric Units	
					Chapter Test: Length	
Weight	Understand the attributes of weights and apply appropriate techniques, tools, and formulas to determine measurements.					
		Non-standard Units	Use nonstandard units to estimate and measure weights.			
				10256	Up, Up and Away!	Use nonstandard units to estimate and measure weights.

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					Lesson Quiz: Non-standard Units	
		Compare Weights	Compare the weight of two or more objects by using direct comparison or by using nonstandard units.			
				10182	Cool Comparing	Compare the weight of two or more objects by using direct comparison or by using nonstandard units.
					Lesson Quiz: Compare Weights	
		Customary Units	Compare the weight of two or more objects using customary units and identify the tools for measuring weight.			
				10180	Way Out Weigher	Compare the weight of two or more objects using customary units and identify the tools for measuring weight.
					Lesson Quiz: Customary Units	
		Metric Units	Use metric units to measure, compare, and order objects according to weights.			
				10181	Fruity Tooty	Use metric units to measure, compare, and order objects according to weights.
					Lesson Quiz: Metric Units	
					Chapter Test: Weight	

Math 1: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Capacity	Understand the attributes of capacity and apply appropriate techniques, tools, and formulas to determine measurements.					
		Non-standard Units	Use nonstandard units to estimate and measure capacity.			
				10183	Secret Formula	Use nonstandard units to estimate and measure capacity.
					Lesson Quiz: Non-standard Units	
		Compare Capacity	Compare the capacity of two or more containers using direct comparison.			
				10184	The Mad Scientist	Compare the capacity of two or more containers using direct comparison.
					Lesson Quiz: Compare Capacity	
		Customary Units	Compare the capacity (in cups, pints, and quarts) of two or more containers. Identify the tools for measuring capacity.			
				10185	The Potion	Compare the capacity (in cups, pints, and quarts) of two or more containers. Identify the tools for measuring capacity.
					Lesson Quiz: Customary Units	
		Metric Units	Use metric units to measure, compare, and order objects according to capacity.			

Math 1: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10186	Invisible Ape	Use metric units to measure, compare, and order objects according to capacity.
					Lesson Quiz: Metric Units	
					Chapter Test: Capacity	
Temperature	Understand the attributes of temperature and apply appropriate techniques, tools, and formulas to determine measurements.					
		Measure Temperature	Using a Fahrenheit thermometer, tell temperature to the nearest 10 degrees. Match temperature in degrees Fahrenheit to the feeling outside of a warm or cold day.			
				10258	These Funny Numbers	Using a Fahrenheit thermometer, tell temperature to the nearest 10 degrees. Match temperature in degrees Fahrenheit to the feeling outside of a warm or cold day.
					Lesson Quiz: Measure Temperature	
		Compare Temperature	Compare temperatures in degrees Fahrenheit of two or more objects. Identify tools for measuring temperature.			
				10257	How Can I Compare?	Compare temperatures in degrees Fahrenheit of two or more objects. Identify tools for measuring temperature.
					Lesson Quiz: Compare Temperature	

Math 1: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Chapter Test: Temperature	
Graphing	Collect, organize, and display relevant data.					
		Tally Table	Sort objects into categories and create a tally table.			
				10187	Cool Fruit Stand	Sort objects into categories and create a tally table.
					Lesson Quiz: Tally Table	
		Pictographs	Organize and record data in pictographs.			
				10188	Instruction/Practice: Pictographs	Instruction/Practice: Learn to organize and record data in pictographs.
					Lesson Quiz: Pictographs	
		Bar Graphs	Organize and record data in bar graphs.			
				10189	Instruction/Practice: Bar Graphs	Instruction/Practice: Learn to organize and record data in bar graphs.
					Lesson Quiz: Bar Graphs	
					Chapter Test: Graphing	
Using Data	Select and use appropriate statistical methods to analyze data.					
		Compare Data	Interpret data and explore range and mode in simple graphs.			
				10190	Instruction/Practice: Compare Data	Instruction/Practice: Learn to interpret data from pictographs and bar graphs to solve problems.
					Lesson Quiz: Compare Data	
		Make Predictions	Use data to make predictions about events or situations.			

Math 1: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				10191	Next Customer	Use data to make predictions about events or situations.
					Lesson Quiz: Make Predictions	
					Chapter Test: Using Data	
Probability	Apply basic concepts of probability.					
		Certain or Impossible	Identify whether an event is certain, possible, or impossible.			
				10192	Spinning Wheels	Identify whether an event is certain, possible, or impossible.
					Lesson Quiz: Certain or Impossible	
		Most and Least Likely	Identify the likelihood of a given event.			
				10193	Likely to Have Fun	Identify the likelihood of a given event.
					Lesson Quiz: Most and Least Likely	
					Chapter Test: Probability	