

Math 3: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Number Theory and Systems	Understand numeration, number theory, and number systems.					
		Expanded Form	Convert numbers containing two to six digits from standard form to expanded form and vice versa.			
				34130	Instruction/Practice: Expanded Form	Convert numbers containing two to six digits from standard form to expanded form and vice versa.
				34131	Expanded Form Exploratory	Convert numbers containing two to six digits from standard form to expanded form and vice versa.
				34066	Expanded Form Handbook	Convert numbers containing two to six digits from standard form to expanded form and vice versa.
					Lesson Quiz: Expanded Form	
		Writing Numbers	Write numbers up to six digits using oral and written cues.			
				34132	Instruction/Practice: Writing Numbers	Write numbers up to six digits using oral and written cues.
				34133	Independent Practice: Writing Numbers Exploratory	Write numbers up to six digits using oral and written cues.
				34134	Writing Numbers Handbook	Write numbers up to six digits using oral and written cues.
					Lesson Quiz: Writing Numbers	
		Comparing and Ordering Numbers	Order numbers up to six digits and compare numbers using the symbols $<$, $>$, and $=$.			

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				34135	Instruction/Practice: Comparing and Ordering Numbers	Order numbers up to six digits and compare numbers using the symbols $<$, $>$, and $=$.
				34136	Independent Practice: Comparing and Ordering Numbers Exploratory	Order numbers up to six digits and compare numbers using the symbols $<$, $>$, and $=$.
				34137	Comparing and Ordering Numbers Handbook	Order numbers up to six digits and compare numbers using the symbols $<$, $>$, and $=$.
					Lesson Quiz: Comparing and Ordering Numbers	
		Rounding to the Nearest 10	Round numbers up to the ten-thousands to the nearest ten. Use number lines and knowledge of place value.			
				NBT009	Instruction/Practice: Rounding to the Nearest 10	Round numbers up to the ten-thousands to the nearest ten. Use number lines and knowledge of place value.
				AQNB009	Activity Quiz: Rounding to the Nearest 10	
		Rounding to the Nearest 100	Round numbers up to the ten-thousands to the nearest hundred. Use number lines and knowledge of place value.			
				NBT010	Instruction/Practice: Rounding to the Nearest 100	Round numbers up to the ten-thousands to the nearest hundred. Use number lines and knowledge of place value.
				AQNB010	Activity Quiz: Rounding to the Nearest 100	
		Rounding Numbers	Round numbers to the nearest ten, to the nearest hundred, and to the nearest thousand.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34138	Instruction/Practice: Rounding Numbers	Round numbers to the nearest ten, to the nearest hundred, and to the nearest thousand.
				34139	Independent Practice: Rounding Numbers Exploratory	Round numbers to the nearest ten, to the nearest hundred, and to the nearest thousand.
				34140	Rounding Numbers Handbook	Round numbers to the nearest ten, to the nearest hundred, and to the nearest thousand.
					Lesson Quiz: Rounding Numbers	
					Chapter Test: Number Theory and Systems	
Addition and Subtraction	Understand the meanings of operations and how they relate to one another. (+, -)					
		Addition	Add three or more single digit addends. (grouping property) Add 2- and 3-digit numbers. (with and without regrouping)			
				34185	Instruction/Practice: Adding with Three Addends	Add three or more single digit addends. (grouping property)
				34186	Instruction/Practice: Adding 2- and 3- Digit Numbers (with and without regrouping)	Add 2- and 3-digit numbers. (with and without regrouping)
				AT3006	Independent Practice: Practice Resource: Patterns on an Addition Chart	Identifying arithmetic patterns in the addition table.
				34193	Independent Practice: Addition Exploratory	Add three or more single digit addends. (grouping property) Add 2- and 3-digit numbers. (with and without regrouping)

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34205	Addition and Subtraction Handbook	Understand the meanings of operations and how they relate to one another. (+, -)
					Lesson Quiz: Addition	
		Subtraction	Subtract 2-and 3-digit numbers. (with regrouping) Subtract 2-and 3-digit numbers when minuend has multiple zeros. (with regrouping)			
				34198	Instruction/Practice: Subtracting 2-Digit Numbers (without regrouping)	Subtract 2-and 3-digit numbers. (with regrouping)
				34199	Instruction/Practice: Subtracting 3-Digit Numbers (with regrouping and with multiple zeros)	Subtract 3-digit numbers. (with regrouping) Subtract 2- and 3-digit numbers when minuend has multiple zeros. (with regrouping)
				34200	Independent Practice: Subtraction Exploratory	Subtract 2-and 3-digit numbers. (with regrouping) Subtract 2- and 3-digit numbers when minuend has multiple zeros. (with regrouping)
					Lesson Quiz: Subtraction	
		Estimate Sums and Differences	Estimate sums and differences using rounding.			
				34203	Instruction/Practice: Estimate Sums and Differences	Estimate sums and differences using rounding.
				34204	Independent Practice: Estimate Sums and Differences Exploratory	Estimate sums and differences using rounding.
					Lesson Quiz: Estimate Sums and Differences	
					Chapter Test: Addition and Subtraction	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Multiplication and Division	Understand the meanings of operations and how they relate to one another.					
		Introduction to Multiplication	An introduction to multiplication (0-12 x 0-12) including multiplication by 0 and 1, using arrays and tables.			
				OA014	Instruction/Practice: When Do We Use Multiplication?	Represent and solve problems involving multiplication. Describe a context in which a total number of objects can be expressed as multiplication equation.
				AT3024	Instruction/Independent Practice: Practice Resource: Patterns on a Multiplication Table	Identify multiplication patterns in a multiplication table.
				AQOA014	Activity Quiz: When Do We Use Multiplication?	
				OA015	Instruction/Practice: Multiplication in My Life	Represent and solve problems involving multiplication. Describe a context in which a total number of objects can be expressed as multiplication equation.
				AQOA015	Activity Quiz: Multiplication in My Life	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				OA018	Instruction/Practice: Multiplication Word Problems	Represent and solve problems involving multiplication. Use multiplication within 100 to solve word problems in situations involving equal groups by using drawings and equations with a symbol for the unknown number to represent the problem.
				AQOA018	Activity Quiz: Multiplication Word Problems	
					Lesson Quiz: Introduction to Multiplication	
		Multiples and Arrays	Define and list multiples of a given number (1-10). Explore multiplication as repeated addition and arrays.			
				34088	Instruction/Practice: Multiples and Arrays	Define and list multiples of a given number (1-10). Explore multiplication as repeated addition and arrays.
				34089	Independent Practice: Multiples and Arrays Exploratory	Define and list multiples of a given number (1-10). Explore multiplication as repeated addition and arrays.
				34070	Multiples Handbook	Define and list multiples of a given number (1-10). Explore multiplication as repeated addition and arrays.
					Lesson Quiz: Multiples and Arrays	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Multiply 2-digits by 1-digit	Multiply two whole numbers with and without regrouping in which one factor is a one-digit number and the other is a 2-digit number. Multiply mentally by 10, 100, and 1000.			
				34096	Instruction/Practice: Multiply 2-Digits by 1-Digit	Multiply two whole numbers with and without regrouping in which one factor is a one-digit number and the other is a 2-digit number. Multiply mentally by 10, 100, and 1000.
				34097	Independent Practice: Multiply 2-Digits by 1-Digit Exploratory	Multiply two whole numbers with and without regrouping in which one factor is a one-digit number and the other is a 2-digit number. Multiply mentally by 10, 100, and 1000.
				34072	Multiply by 10, 100, and 1,000 Handbook	Multiply two whole numbers with and without regrouping in which one factor is a one-digit number and the other is a 2-digit number. Multiply mentally by 10, 100, and 1000.
					Lesson Quiz: Multiply 2-digits by 1-digit	
		Multiply by a Multiple of Ten	Multiply one-digit whole numbers by multiples of 10 in the range 10 - 90 using strategies based on place value and properties of operations.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				NBT012	Instruction/Practice: Multiplying by a Multiple of 10	Multiply one-digit whole numbers by multiples of 10 in the range 10 - 90 using strategies based on place value and properties of operations.
				AQNB012	Activity Quiz: Multiplying by a Multiple of 10	
				NBT013	Instruction/Practice: Why Do We Add a Zero to the End?	Multiply one-digit whole numbers by multiples of 10 in the range 10 - 90 using strategies based on place value and properties of operations.
				AQNB013	Activity Quiz: Why Do We Add a Zero to the End?	
		Introduction to Division	An introduction to simple division problems including divisions involving 0 and 1 and divisions involving remainders using tables and other manipulatives.			
				AT3029	Instruction/Independent Practice: Practice Resource: Division Facts with Table	Using a multiplication chart to solve basic division facts.
					Lesson Quiz: Introduction to Division	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Division Facts	Recognize and use basic division facts to $100 \div 10$, and identify dividend, divisor, and quotient. Describe these division properties: you cannot divide by 0, and any number divided by 1 equals that number.			
				34098	Instruction/Practice: Division Facts	Recognize and use basic division facts to $100 \div 10$, and identify dividend, divisor, and quotient. Describe these division properties: you cannot divide by 0, and any number divided by 1 equals that number.
				34099	Independent Practice: Division Facts Exploratory	Recognize and use basic division facts to $100 \div 10$, and identify dividend, divisor, and quotient. Describe these division properties: you cannot divide by 0, and any number divided by 1 equals that number.
				34074	Division Facts Handbook	Recognize and use basic division facts to $100 \div 10$, and identify dividend, divisor, and quotient. Describe these division properties: you cannot divide by 0, and any number divided by 1 equals that number.
					Lesson Quiz: Division Facts	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Interpreting Quotients	Represent and solve problems involving division. Interpret quotients of whole number as the either the number of objects in each share when objects are partitioned equally, or as the number of shares when objects are partitioned into equal shares.			
				OA016	Instruction/Practice: What is Division?	Represent and solve problems involving division. Interpret quotients of whole number as the either the number of objects in each share when objects are partitioned equally, or as the number of shares when objects are partitioned into equal shares.
				AQOA016	Activity Quiz: What is Division?	
				OA017	Instruction/Practice: Equal Shares	Represent and solve problems involving division. Interpret quotients of whole number as the either the number of objects in each share when objects are partitioned equally, or as the number of shares when objects are partitioned into equal shares.
				AQOA017	Activity Quiz: Equal Shares	

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		Division Word Problems	Represent and solve problems involving division. Use division within 100 to solve word problems in situations involving equal groups by using drawings and equations with a symbol for the unknown number to represent the problem			
				OA019	Instruction/Practice: Division Word Problems	Represent and solve problems involving division. Use division within 100 to solve word problems in situations involving equal groups by using drawings and equations with a symbol for the unknown number to represent the problem.
				AQOA019	Activity Quiz: Division Word Problems	
		Divide 2-digits by 1-digit	Divide two-digit dividends by one-digit divisors, with and without remainders.			
				34107	Instruction/Practice: Divide 2-Digits by 1-Digit	Divide two-digit dividends by one-digit divisors, with and without remainders.
				34108	Independent Practice: Divide 2-Digits by 1-Digit Exploratory	Divide two-digit dividends by one-digit divisors, with and without remainders.
				34106	Two-Digit Dividends Handbook	Divide two-digit dividends by one-digit divisors, with and without remainders.
					Lesson Quiz: Divide 2-digits by 1-digit	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Chapter Test: Multiplication and Division	
Number Patterns	Identify and explain patterns in arithmetic.					
		Identifying Patterns on an Addition Table	Identify arithmetic patterns using an addition table.			
				M3020	Instruction: Identifying Patterns on an Addition Table	Instruction: Interactive Exploration. Learn to identify arithmetic patterns using an addition table.
				M3021	Supported Practice: Identifying Patterns on an Addition Table	Supported Practice: Practice identifying arithmetic patterns using an addition table.
				QZM3022	Quiz: Identifying Patterns on an Addition Table	Assessment: Quiz. Demonstrate an ability to identify arithmetic patterns using an addition table.
		Identifying Patterns on a Multiplication Table	Identify arithmetic patterns using a multiplication table, and explain them using properties of operations.			
				M3023	Instruction: Identifying Patterns on a Multiplication Table	Instruction: Interactive Exploration. Learn to identify arithmetic patterns using a multiplication table, and explain them using properties of operations.
				M3024	Supported Practice: Identifying Patterns on a Multiplication Table	Supported Practice: Practice identifying arithmetic patterns using a multiplication table, and explain them using properties of operations.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				QZM3025	Quiz: Identifying Patterns on a Multiplication Table	Assessment: Quiz. Demonstrate an ability to identify arithmetic patterns using a multiplication table, and explain them using properties of operations.
Multiplication and Division Problem Solving	Understand properties of multiplication and the relationship between multiplication and division.					
		Multiplying and Dividing to Solve Word Problems	Solve a multi-step word problem using multiplication and division.			
				M3001	Problem Solving: Multiplying and Dividing to Solve Word Problems	Instruction: Learn to solve a multi-step word problem using multiplication and division.
				M3002	Supported Practice: Multiplying and Dividing to Solve Word Problems	Supported Practice: Practice solving multi-step word problems using multiplication and division.
				M3003	Independent Practice: Multiplying and Dividing to Solve Word Problems	Independent Practice: Practice solving multi-step word problems using multiplication and division.
				QZM3004	Quiz: Multiplying and Dividing to Solve Word Problems	Assessment: Quiz. Demonstrate an understanding of solving multi-step word problems using multiplication and division.
		Understanding Division as an Unknown-Factor Problem	Understand division as an unknown-factor problem.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				M3005	Instruction: Understanding Division as an Unknown-Factor Problem	Instruction: Instructional Video. Learn to understand division as an unknown-factor problem.
				M3006	Supported Practice: Understanding Division as an Unknown-Factor Problem	Supported Practice: Practice understanding division as an unknown-factor problem.
				M3007	Independent Practice: Understanding Division as an Unknown-Factor Problem	Independent Practice: Practice understanding division as an unknown-factor problem.
				QZM3008	Quiz: Understanding Division as an Unknown-Factor Problem	Assessment: Quiz. Demonstrate an understanding of division as an unknown-factor problem.
		Using Strategies to Multiply Within 100	Understand multiplication and use strategies to fluently multiply within 100.			
				M3009	Instruction: Using Strategies to Multiply Within 100	Instruction: Interactive Exploration. Learn to understand multiplication and use strategies to fluently multiply within 100.
				M3010	Supported Practice: Using Strategies to Multiply Within 100	Supported Practice: Practice using strategies to fluently multiply within 100.
				PRM3011	Independent Practice: Practice Resource: Using Strategies to Multiply Within 100	Independent Practice: Practice Resource. Practice using strategies to fluently multiply within 100.
				QZM3012	Quiz: Using Strategies to Multiply Within 100	Assessment: Quiz. Demonstrate an understanding of fluently multiplying within 100.
		Using Strategies to Divide Within 100	Understand division and use strategies to fluently divide within 100.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				M3013	Instruction: Using Strategies to Divide Within 100	Instruction: Interactive Exploration. Learn to understand division and use strategies to fluently divide within 100.
				M3014	Supported Practice: Using Strategies to Divide Within 100	Supported Practice: Practice using strategies to fluently divide within 100.
				PRM3015	Independent Practice: Practice Resource: Using Strategies to Divide and Multiply Within 100	Independent Practice: Practice Resource. Practice using strategies to fluently divide within 100.
				QZM3016	Quiz: Using Strategies to Divide Within 100	Assessment: Quiz. Demonstrate an ability to use strategies to fluently with divide within 100.
Fractions	Develop understanding of fractions as numbers.					
		Understanding Fractions of a Whole	Recognize fractions as part of a whole and understand the meaning of the numerator and the denominator.			
				M3026	Instruction: Understanding Fractions of a Whole	Instruction: Interactive Exploration. Learn to recognize fractions as part of a whole and understand the meaning of the numerator and the denominator.
				M3027	Supported Practice: Understanding Fractions of a Whole	Supported Practice: Practice recognizing fractions as part of a whole and understanding the meaning of the numerator and the denominator.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				M3028	Independent Practice: Understanding Fractions of a Whole	Independent Practice: Practice recognizing fractions as part of a whole and understanding the meaning of the numerator and the denominator.
				QZM3029	Quiz: Understanding Fractions of a Whole	Assessment: Quiz. Demonstrate an ability to recognize fractions as part of a whole and understand the meaning of the numerator and the denominator.
		Representing Fractions on a Number Line	Identify the fraction shown by a point on a number line and learn how to place a fraction on a number line.			
				M3030	Instruction: Representing Fractions on a Number Line	Instruction: Interactive Exploration. Learn to identify the fraction shown by a point on a number line and learn how to place a fraction on a number line.
				M3031	Supported Practice: Representing Fractions on a Number Line	Supported Practice: Practice identifying the fraction shown by a point on a number line and practice placing a fraction on a number line.
				PRM3032	Independent Practice: Practice Resource: Representing Fractions on a Number Line	Independent Practice: Practice Resource. Practice identifying the fraction shown by a point on a number line and practice placing a fraction on a number line.
				QZM3033	Quiz: Representing Fractions on a Number Line	Assessment: Quiz. Demonstrate an ability to identify the fraction shown by a point on a number line and placing a fraction on a number line.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Understanding Equivalent Fractions with Models and Number Lines	Understand two fractions as equivalent if they are the same size, or the same point on a number line.	M3034	Instruction: Understanding Equivalent Fractions with Models and Number Lines	Instruction: Instructional Video. Learn to understand two fractions as equivalent if they are the same size, or the same point on a number line.
				M3035	Supported Practice: Understanding Equivalent Fractions with Models and Number Lines	Supported Practice: Practice understanding two fractions as equivalent if they are the same size, or the same point on a number line.
				M3036	Independent Practice: Understanding Equivalent Fractions with Models and Number Lines	Independent Practice: Practice understanding two fractions as equivalent if they are the same size, or the same point on a number line.
				QZM3037	Quiz: Understanding Equivalent Fractions with Models and Number Lines	Assessment: Quiz. Demonstrate an understanding of two fractions as equivalent if they are the same size, or the same point on a number line.
		Comparing Two Fractions with the Same Numerator or Denominator	Compare two fractions with the same numerator or the same denominator using fraction models.			
				M3038	Instruction: Comparing Two Fractions with the Same Numerator or Denominator	Instruction: Interactive Exploration. Learn to compare two fractions with the same numerator or the same denominator using fraction models.
				M3039	Supported Practice: Comparing Two Fractions with the Same Numerator or Denominator	Supported Practice: Practice comparing two fractions with the same numerator or the same denominator using fraction models.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				PRM3040	Independent Practice: Comparing Two Fractions with the Same Numerator or Denominator	Independent Practice: Practice Resource. Practice comparing two fractions with the same numerator or the same denominator using fraction models.
				QZM3041	Quiz: Comparing Two Fractions with the Same Numerator or Denominator	Assessment: Quiz. Demonstrate an ability to compare two fractions with the same numerator or the same denominator using fraction models.
Fractions and Decimals	Understand ways of representing fractional and decimal numbers.					
		Parts of a Set or Whole	Identify parts of a set and parts of a whole with equivalent fractions with denominators up to 10.			
				34162	Instruction/Practice: Parts of a Set or Whole	Identify parts of a set and parts of a whole with equivalent fractions with denominators up to 10.
				34163	Independent Practice: Parts of a Set or Whole Exploratory	Identify parts of a set and parts of a whole with equivalent fractions with denominators up to 10.
				34164	Fraction Handbook	Identify parts of a set and parts of a whole with equivalent fractions with denominators up to 10.
					Lesson Quiz: Parts of a Set or Whole	
		Equivalent Fractions	Identify equivalent fractions. ($1/2 = 2/4$)			
				34165	Instruction/Practice: Equivalent Fractions	Identify equivalent fractions. ($1/2 = 2/4$)

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34166	Independent Practice: Equivalent Fractions Exploratory	Identify equivalent fractions. ($1/2 = 2/4$)
				34167	Equivalent Fractions Handbook	Identify equivalent fractions. ($1/2 = 2/4$)
				AT34167	Independent Practice: Practice Resource: Equivalent Fractions	Recognize, generate, and explain simple equivalent fractions.
				OW34167	Independent Practice: Compass Writer: Equivalent Fractions	Recognize, generate, and explain simple equivalent fractions.
					Lesson Quiz: Equivalent Fractions	
		Compare and Order Fractions	Order fractions with like denominators and compare fractions using the symbols $<$, $>$, and $=$.			
				34171	Instruction/Practice: Compare and Order Fractions	Order fractions with like denominators and compare fractions using the symbols $<$, $>$, and $=$.
				34172	Independent Practice: Compare and Order Fractions Exploratory	Order fractions with like denominators and compare fractions using the symbols $<$, $>$, and $=$.
					Lesson Quiz: Compare and Order Fractions	
		Relate Fractions and Decimals	Explore the relationship between fractions and decimals. (tenths and hundredths)			
				34174	Instruction/Practice: Relate Fractions and Decimals	Explore the relationship between fractions and decimals. (tenths and hundredths)
				34175	Independent Practice: Relate Fractions and Decimals Exploratory	Explore the relationship between fractions and decimals. (tenths and hundredths)

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					Lesson Quiz: Relate Fractions and Decimals	
		Write Decimals to Hundredths	Identify decimals to the hundredths place. Read and write decimals to the hundredths.			
				34187	Instruction/Practice: Write Decimals to Hundredths	Identify decimals to the hundredths place. Read and write decimals to the hundredths.
				34188	Independent Practice: Write Decimals to Hundredths Exploratory	Identify decimals to the hundredths place. Read and write decimals to the hundredths.
				34189	Read and Write Decimals Handbook	Identify decimals to the hundredths place. Read and write decimals to the hundredths.
					Lesson Quiz: Write Decimals to Hundredths	
		Compare and Order Decimals	Order decimals to the hundredths place, and compare decimals using the symbols $<$, $>$, and $=$.			
				34190	Instruction/Practice: Compare and Order Decimals	Order decimals to the hundredths place, and compare decimals using the symbols $<$, $>$, and $=$.
				34191	Independent Practice: Compare and Order Decimals Exploratory	Order decimals to the hundredths place, and compare decimals using the symbols $<$, $>$, and $=$.
				34192	Compare and Order Decimals Handbook	Order decimals to the hundredths place, and compare decimals using the symbols $<$, $>$, and $=$.
					Lesson Quiz: Compare and Order Decimals	
					Chapter Test: Fractions and Decimals	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Money	Understand the concept of money.					
		Bills and Coins	Count collection of coins and bills up to \$50. Add and subtract dollar amounts. (dollar and cents)			
				34148	Instruction/Practice: Bills and Coins	Count collection of coins and bills up to \$50. Add and subtract dollar amounts. (dollar and cents)
				34149	Independent Practice: Bills and Coins Exploratory	Count collection of coins and bills up to \$50. Add and subtract dollar amounts. (dollar and cents)
				34150	Bills and Coins Handbook	Count collection of coins and bills up to \$50. Add and subtract dollar amounts. (dollar and cents)
					Lesson Quiz: Bills and Coins	
		Word Problems	Solve word problems that involve the value of coins, bills, and making change.			
				34151	Instruction/Practice: Word Problems	Solve word problems that involve the value of coins, bills, and making change.
				34152	Independent Practice: Word Problems Exploratory	Solve word problems that involve the value of coins, bills, and making change.
				34153	Word Problems Handbook	Solve word problems that involve the value of coins, bills, and making change.
					Lesson Quiz: Word Problems	
		Unit Price	Solve problems involving unit price of items.			
				34160	Instruction/Practice: Unit Price	Solve problems involving unit price of items.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34161	Independent Practice: Unit Price Exploratory	Solve problems involving the unit price of items.
				34212	Unit Price Handbook	Solve problems involving unit price of items.
					Lesson Quiz: Unit Price	
					Chapter Test: Money	
Patterns	Understand patterns, relations, and functions.					
		Repeating Patterns	Identify and extend repeating patterns and apply pattern rules using shapes, colors and numbers.			
				34112	Instruction/Practice: Repeating Patterns	Identify and extend repeating patterns and apply pattern rules using shapes, colors and numbers.
				34113	Independent Practice: Repeating Patterns Exploratory	Identify and extend repeating patterns and apply pattern rules using shapes, colors and numbers.
				34114	Repeating Pattern Rules Handbook	Identify and extend repeating patterns and apply pattern rules using shapes, colors and numbers.
					Lesson Quiz: Repeating Patterns	
		Numeric Patterns	Identify and extend patterns and apply pattern rules using a sequence of related numbers.			
				34115	Instruction/Practice: Numeric Patterns	Identify and extend patterns and apply pattern rules using a sequence of related numbers.
				AT34115	Authentic Task: Investigating Patterns on the Hundreds Chart	Identify and extend patterns and apply pattern rules using a sequence of related numbers.

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				34116	Independent Practice: Numeric Patterns Exploratory	Identify and extend patterns and apply pattern rules using a sequence of related numbers.
				34117	Numeric Patterns Handbook	Identify and extend patterns and apply pattern rules using a sequence of related numbers.
					Lesson Quiz: Numeric Patterns	
		Apply Pattern Rules	Apply the appropriate rule to complete a chart including input/output tables.			
				34118	Instruction/Practice: Apply Pattern Rules	Apply the appropriate rule to complete a chart including input/output tables.
				34119	Independent Practice: Pattern Rules Exploratory	Apply the appropriate rule to complete a chart including input/output tables.
				34120	Input/Output Tables Handbook	Apply the appropriate rule to complete a chart including input/output tables.
					Lesson Quiz: Apply Pattern Rules	
					Chapter Test: Patterns	
Algebra	Represent and analyze mathematical situations using algebraic symbols.					
		Numeric Expressions	Represent and evaluate written relationships as numeric expressions.			
				34145	Instruction/Practice: Numeric Expressions	Represent and evaluate written relationships as numeric expressions.
				34147	Independent Practice: Numeric Expressions Handbook	Represent and evaluate written relationships as numeric expressions.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Lesson Quiz: Numeric Expressions	
		Solving for an Unknown in Multiplication Equations	Determine the unknown whole number in a multiplication equation relating three whole numbers.			
				OA020	Instruction/Practice: What's Missing? - Multiplication	Determine the unknown whole number in a multiplication equation relating three whole numbers.
				AQOA020	Activity Quiz: What's Missing? - Multiplication	
		Solving for an Unknown in Division Equations	Determine the unknown whole number in a division equation relating three whole numbers.			
				OA021	Instruction/Practice: What's Missing? - Division	Determine the unknown whole number in a division equation relating three whole numbers.
				AQOA021	Activity Quiz: What's Missing? - Division	
		Equations	Solve for an unknown quantity in an equation. Example: $3 + \underline{\quad} = 7$.(Example: missing addend or missing factor)			
				34154	Instruction/Practice: Equations	Solve for an unknown quantity in an equation. Example: $3 + \underline{\quad} = 7$.(Example: missing addend or missing factor)

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34155	Independent Practice: Equations Exploratory	Solve for an unknown quantity in an equation. Example: $3 + \underline{\quad} = 7$.(Example: missing addend or missing factor)
				34156	Equations Handbook Lesson Quiz: Equations	Solve for an unknown quantity in an equation. Example: $3 + \underline{\quad} = 7$.(Example: missing addend or missing factor)
		Properties of Multiplication	Understand properties of multiplication and apply these properties as strategies to multiply			
				OA022	Instruction/Practice: Properties of Multiplication	Understand properties of multiplication and apply these properties as strategies to multiply.
				AQOA022	Activity Quiz: Properties of Multiplication	
		Properties of Division	Understand properties of division and apply these properties as strategies to divide.			
				OA023	Instruction/Practice: Properties of Division	Understand properties of division and apply these properties as strategies to divide.
				AQOA023	Activity Quiz: Properties of Division	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Properties of Addition and Multiplication	Use the Order (Commutative) and Grouping (Associative) Properties of Addition and Multiplication to find equivalent expressions or equations containing an unknown quantity.			
				34157	Instruction/Practice: Properties of Addition and Multiplication	Use the Order (Commutative) and Grouping (Associative) Properties of Addition and Multiplication to find equivalent expressions or equations containing an unknown quantity.
				34158	Independent Practice: Properties of Addition and Multiplication Exploratory	Use the Order (Commutative) and Grouping (Associative) Properties of Addition and Multiplication to find equivalent expressions or equations containing an unknown quantity.
				34159	Properties Handbook	Use the Order (Commutative) and Grouping (Associative) Properties of Addition and Multiplication to find equivalent expressions or equations containing an unknown quantity.
					Lesson Quiz: Properties	
					Chapter Test: Algebra	
Properties of Shapes	Analyze characteristics and properties of two- and three-dimensional shapes.					

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Segments, Lines and Line Pairs	Describe line segments, lines and line pairs.			
				34049	Instruction/Practice: Segments, Lines and Line Pairs	Describe line segments, lines and line pairs.
				34050	Independent Practice: Segments, Lines and Line Pairs Exploratory	Describe line segments, lines and line pairs.
				34045	Segments, Lines and Line Pairs Handbook	Describe line segments, lines and line pairs.
					Lesson Quiz: Segments, Lines and Line Pairs	
		Classifying Angles	Identify and classify angles as right, acute, or obtuse.			
				34051	Instruction/Practice: Classifying Angles	Identify and classify angles as right, acute, or obtuse.
				34052	Independent Practice: Classifying Angles Exploratory	Identify and classify angles as right, acute, or obtuse.
				34046	Classifying Angles Handbook	Identify and classify angles as right, acute, or obtuse.
					Lesson Quiz: Classifying Angles	
		Attributes of Polygons	Identify the attributes of polygons (sides and angles) and sort by particular characteristics of the plane figure.			
				34076	Instruction/Practice: Attributes of Polygons	Identify the attributes of polygons (sides and angles) and sort by particular characteristics of the plane figure.
				34077	Independent Practice: Attributes of Polygons Exploratory	Identify the attributes of polygons (sides and angles) and sort by particular characteristics of the plane figure.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34062	Attributes of Polygons Handbook	Identify the attributes of polygons (sides and angles) and sort by particular characteristics of the plane figure.
					Lesson Quiz: Attributes of Polygons	
		Attributes of Solid Figures	Identify the attributes of solid figures (edges, vertices, and faces) such as cubes, rectangular prisms, rectangular pyramids, cones, cylinders, and spheres and sort by particular characteristics.			
				34078	Instruction/Practice: Attributes of Solid Figures	Identify the attributes of solid figures (edges, vertices, and faces) such as cubes, rectangular prisms, rectangular pyramids, cones, cylinders, and spheres and sort by particular characteristics.
				34079	Independent Practice: Attributes of Solid Figures Exploratory	Identify the attributes of solid figures (edges, vertices, and faces) such as cubes, rectangular prisms, rectangular pyramids, cones, cylinders, and spheres and sort by particular characteristics.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34065	Attributes of Solid Figures Handbook	Identify the attributes of solid figures (edges, vertices, and faces) such as cubes, rectangular prisms, rectangular pyramids, cones, cylinders, and spheres and sort by particular characteristics.
					Lesson Quiz: Attributes of Solid Figures	
		Nets	Identify and create a two-dimensional representation of a three-dimensional figure.			
				34080	Instruction/Practice: Nets	Identify and create a two-dimensional representation of a three-dimensional figure.
				34081	Independent Practice: Nets Exploratory	Identify and create a two-dimensional representation of a three-dimensional figure.
				34069	Nets Handbook	Identify and create a two-dimensional representation of a three-dimensional figure.
					Lesson Quiz: Nets	
					Chapter Test: Properties of Shapes	
Coordinate Geometry	Specify locations and describe spatial relationships using coordinate geometry.					
		Distance Between Two Points	Find the horizontal or vertical distance between two points on a coordinate grid.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34053	Instruction/Practice: Distance Between Two Points	Find the horizontal or vertical distance between two points on a coordinate grid.
				34054	Independent Practice: Distance Between Two Points Exploratory	Find the horizontal or vertical distance between two points on a coordinate grid.
					Lesson Quiz: Distance Between Two Points	
		Ordered Pairs	Plot a point on a coordinate grid given an ordered pair and write the ordered pair of a point shown on a coordinate grid.			
				34055	Instruction/Practice: Plotting Ordered Pairs	Plot a point on a coordinate grid given an ordered pair.
				34056	Instruction/Practice: Writing Ordered Pairs	Write the ordered pair of a point shown on a coordinate grid.
				34057	Independent Practice: Ordered Pairs Exploratory	Plot a point on a coordinate grid given an ordered pair and write the ordered pair of a point shown on a coordinate grid.
				34042	Ordered Pairs Handbook	Plot a point on a coordinate grid given an ordered pair and write the ordered pair of a point shown on a coordinate grid.
					Lesson Quiz: Ordered Pairs	
		Follow Directions on a Grid	After being given navigational directions from the initial point, identify the ordered pair of the final point.			
				34082	Instruction/Practice: Follow Directions on a Grid	After being given navigational directions from the initial point, identify the ordered pair of the final point.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34083	Independent Practice: Follow Directions on a Grid Exploratory	After being given navigational directions from the initial point, identify the ordered pair of the final point.
					Lesson Quiz: Follow Directions on a Grid	
					Chapter Test: Coordinate Geometry	
Transformations and Symmetry	Apply transformations and use symmetry to analyze mathematical situations.					
		Congruent Shapes	Given a plane figure, identify the congruent shape and create a congruent shape using other plane figures.			
				34058	Instruction/Practice: Congruent Shapes	Given a plane figure, identify the congruent shape and create a congruent shape using other plane figures.
				34059	Independent Practice: Congruent Shapes Exploratory	Given a plane figure, identify the congruent shape and create a congruent shape using other plane figures.
				34044	Congruent Shapes Handbook	Given a plane figure, identify the congruent shape and create a congruent shape using other plane figures.
					Lesson Quiz: Congruent Shapes	
		Slides, Flips, Turns	Apply a slide, flip, or turn to a plane figure and predict the result. Identify the image of a plane figure as a slide, flip, or turn.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34060	Instruction/Practice: Slides, Flips, Turns	Apply a slide, flip, or turn to a plane figure and predict the result. Identify the image of a plane figure as a slide, flip, or turn.
				34061	Independent Practice: Slides, Flips, and Turns Exploratory	Apply a slide, flip, or turn to a plane figure and predict the result. Identify the image of a plane figure as a slide, flip, or turn.
				34048	Slides, Flips, and Turns Handbook	Apply a slide, flip, or turn to a plane figure and predict the result. Identify the image of a plane figure as a slide, flip, or turn.
					Lesson Quiz: Slides, Flips, Turns	
		Line and Point Symmetry	Use line and point symmetry to identify and create symmetrical figures.			
				34084	Instruction/Practice: Line and Point Symmetry	Use line and point symmetry to identify and create symmetrical figures.
				34085	Independent Practice: Line and Point Symmetry Exploratory	Use line and point symmetry to identify and create symmetrical figures.
				34047	Line Symmetry Handbook	Use line symmetry to identify and create symmetrical figures.
					Lesson Quiz: Line and Point Symmetry	
					Chapter Test: Transformations and Symmetry	
Time	Understand the attributes of time and apply tools.					

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Telling Time	Define, tell, and show time to the hour, half hour and quarter hour. Define, tell, and show time to the 5 and 1 minute intervals.			
				34090	Instruction/Practice: Telling Time	Define, tell, and show time to the hour, half hour and quarter hour. Define, tell, and show time to the 5 and 1 minute intervals.
				34091	Independent Practice: Telling Time Exploratory	Define, tell, and show time to the hour, half hour and quarter hour. Define, tell, and show time to the 5 and 1 minute intervals.
				34064	Telling Time Handbook	Define, tell, and show time to the hour, half hour and quarter hour. Define, tell, and show time to the 5 and 1 minute intervals.
					Lesson Quiz: Telling Time	
		Elapsed Time	Find elapsed time using minutes, hours, days, and weeks. Develop measuring skills and demonstrate understanding of concepts related measuring time.			
				34100	Instruction/Practice: Elapsed Time (minutes and hours)	Find elapsed time using minutes and hours. Develop measuring skills and demonstrate understanding of concepts related measuring time.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				QZM3043	Quiz: Elapsed Time	Assessment: Quiz. Demonstrate an ability to determine elapsed time.
				34109	Instruction/Practice: Elapsed Time (days and weeks)	Find elapsed time using days and weeks. The learner will develop measuring skills and demonstrate understanding of concepts related measuring time.
				34101	Independent Practice: Elapsed Time Exploratory	Find elapsed time using minutes, hours, days, and weeks. Develop measuring skills and demonstrate understanding of concepts related measuring time.
				34067	Elapsed Time Handbook	Find elapsed time using minutes, hours, days, and weeks. Develop measuring skills and demonstrate understanding of concepts related measuring time.
					Lesson Quiz: Elapsed Time	
		Solving Problems of Elapsed Time Using a Number Line	Solve problems of elapsed time using a number line.			
				M3044	Instruction: Solving Problems of Elapsed Time Using a Number Line	Instruction: Instructional Video. Learn to solve problems of elapsed time using a number line.
				M3045	Problem Solving: Solving Problems of Elapsed Time Using a Number Line	Instruction: Learn to solve problems of elapsed time using a number line.
				M3046	Supported Practice: Solving Problems of Elapsed Time Using a Number Line	Supported Practice: Practice solving problems of elapsed time using a number line.
				M3047	Independent Practice: Solving Problems of Elapsed Time Using a Number Line	Independent Practice: Practice solving problems of elapsed time using a number line.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				QZM3048	Quiz: Solving Problems of Elapsed Time Using a Number Line	Assessment: Quiz. Demonstrate an ability to solve problems of elapsed time using a number line.
		Time Schedules	Interpret time schedules using minutes, hours, days, and weeks.			
				34111	Instruction/Practice: Time Schedules	Interpret time schedules using minutes, hours, days, and weeks.
				34144	Independent Practice: Time Schedules Exploratory	Interpret time schedules using minutes, hours, days, and weeks.
				34214	Time Schedules Handbook	Interpret time schedules using minutes, hours, days, and weeks.
					Lesson Quiz: Time Schedules	
					Chapter Test: Time	
Customary System	Use the customary system of measurement to understand the attributes of length, weight, capacity, and temperature and apply appropriate measuring techniques.					
		Length	Define units of length. (inch, foot, yard, mile) Estimate and compare length. Measure to the nearest half-inch.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34121	Instruction/Practice: Length	Instruction/Practice: Learn to measure the length of an object in inches. Practice measuring to the nearest half-inch by dragging a ruler to an object.
				34122	Independent Practice: Length Exploratory	Define units of length. (inch, foot, yard, mile) Estimate and compare length. Measure to the nearest half-inch.
				34123	Length Handbook	Define units of length. (inch, foot, yard, mile) Estimate and compare length. Measure to the nearest half-inch.
					Lesson Quiz: Length	
		Customary Units of Capacity	Define units of capacity. (cup, pint, quart, gallon) Estimate and compare capacity.			
				34124	Instruction/Practice: Customary Units of Capacity	Define units of capacity. (cup, pint, quart, gallon) Estimate and compare capacity.
				34125	Independent Practice: Customary Units of Capacity Exploratory	Define units of capacity. (cup, pint, quart, gallon) Estimate and compare capacity.
				34126	Capacity Handbook	Define units of capacity. (cup, pint, quart, gallon) Estimate and compare capacity.
					Lesson Quiz: Capacity	
		Customary Units of Weight	Define units of weight. (ounce, pound) Estimate and compare weight.			
				34127	Instruction/Practice: Customary Units of Weight	Define units of weight. (ounce, pound) Estimate and compare weight.
				34128	Independent Practice: Customary Units of Weight Exploratory	Define units of weight. (ounce, pound) Estimate and compare weight.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34129	Weight Handbook	Define units of weight. (ounce, pound) Estimate and compare weight.
					Lesson Quiz: Weight	
		Temperature	Read thermometer to nearest 5-degree interval.			
				34141	Instruction/Practice: Temperature	Read thermometer to nearest 5-degree interval.
				34142	Independent Practice: Temperature Exploratory	Read thermometer to nearest 5-degree interval.
				34143	Temperature Handbook	Read thermometer to nearest 5-degree interval.
					Lesson Quiz: Temperature	
					Chapter Test: Customary System	
Metric System	Use the customary system of measurement to understand the attributes of length, mass, capacity, and temperature and apply appropriate measuring techniques.					
		Metric Units of Length	Define units of length. (centimeter, decimeter, meter) Estimate and compare length. Measure to the nearest centimeter.			
				34168	Instruction/Practice: Length (metric)	Instruction/Practice: Learn to measure the length of an object in centimeters. Practice measuring to the nearest centimeter by dragging a ruler to an object.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34169	Independent Practice: Metric Units of Length Exploratory	Define units of length. (centimeter, decimeter, meter) Estimate and compare length. Measure to the nearest centimeter.
				34170	Length Handbook Lesson Quiz: Length	Define units of length. (centimeter, decimeter, meter) Estimate and compare length. Measure to the nearest centimeter.
		Metric Units of Capacity	Define units of capacity. (milliliters, liters) Estimate and compare capacity.			
				34194	Instruction/Practice: Metric Units of Capacity	Define units of capacity. (milliliters, liters) Estimate and compare capacity.
				34195	Independent Practice: Metric Units of Capacity Exploratory	Define units of capacity. (milliliters, liters) Estimate and compare capacity.
					Lesson Quiz: Capacity	
		Estimating and Comparing Mass	Define units of mass. (grams, kilograms) Estimate and compare mass.			
				34196	Instruction/Practice: Estimating and Comparing Mass	Define units of mass. (grams, kilograms) Estimate and compare mass.
				34197	Independent Practice: Estimating and Comparing Mass Exploratory	Define units of mass. (grams, kilograms) Estimate and compare mass.
					Lesson Quiz: Mass	
		Temperature	Read thermometer to nearest 5-degree interval.			
				34201	Instruction/Practice: Temperature	Read thermometer to nearest 5-degree interval.
				34202	Independent Practice: Temperature Exploratory	Read thermometer to nearest 5-degree interval.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Lesson Quiz: Temperature	
					Chapter Test: Metric System	
Solving Problems Involving Volume and Mass	Solve problems involving estimation and measurement of volume of mass.					
		Estimating and Measuring Volume	Estimate volumes of objects in liters and milliliters by comparing to benchmark objects.			
				M3049	Instruction: Estimating and Measuring Volume	Instruction: Interactive Exploration. Learn to estimate volumes of objects in liters and milliliters by comparing to benchmark objects.
				M3050	Supported Practice: Estimating and Measuring Volume	Supported Practice: Practice estimating volumes of objects in liters and milliliters by comparing to benchmark objects.
				PRM3051	Independent Practice: Practice Resource: Estimating and Measuring Volume	Independent Practice: Practice Resource. Practice estimating volumes of objects in liters and milliliters by comparing to benchmarks objects.
				QZM3052	Quiz: Estimating and Measuring Volume	Assessment: Quiz. Demonstrate an understanding of estimating volumes of objects in liters and milliliters by comparing to benchmark objects.
		Solving Problems Involving Mass and Volume	Solve real-world problems involving mass in kilograms and grams, and volume in liters.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				M3053	Instruction: Solving Real-World Problems Involving Mass and Volume	Instruction: Interactive Exploration. Learn to solve real-world problems involving mass in kilograms and grams, and volume in liters.
				M3054	Problem Solving: Using Models and Equations to Solve Problems Involving Volume	Instruction: Learn to solve real-world problems involving volume in liters.
				M3055	Supported Practice: Solving Real-World Problems Involving Mass and Volume	Supported Practice: Practice solving real-world problems involving mass and volume.
				M3056	Independent Practice: Solving Real-World Problems Involving Mass and Volume	Independent Practice: Practice solving real-world problems involving mass and volume.
				QZM3057	Quiz: Solving Real-World Problems Involving Mass and Volume	Assessment: Quiz. Demonstrate an ability to solve real-world problems involving mass or volume.
Area	Understand concepts of area and relate area to addition and multiplication.					
		Measuring the Area of a Rectangle Using Unit Squares	Measure the area of a rectangle using unit squares.	M3058	Instruction: Measuring the Area of a Rectangle Using Unit Squares	Instruction: Instructional Video. Learn to measure the area of a rectangle using unit squares.
				M3059	Supported Practice: Measuring the Area of a Rectangle Using Unit Squares	Supported Practice: Practice measuring the area of a rectangle using unit squares.
				M3060	Independent Practice: Measuring the Area of a Rectangle Using Unit Squares.	Independent Practice: Practice measuring the area of a rectangle using unit squares.
				QZM3061	Quiz: Measuring the Area of a Rectangle Using Unit Squares	Assessment: Quiz. Demonstrate an ability to measure the area of a rectangle using unit squares.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Measuring Areas by Counting Unit Squares	Find the area of a figure by counting unit squares.			
				M3062	Instruction: Measuring Areas by Counting Unit Squares	Instruction: Instructional Video. Learn to find the area of a figure by counting unit squares.
				M3063	Supported Practice: Measuring Areas by Counting Unit Squares	Supported Practice: Practice finding the area of a figure by counting unit squares.
				M3064	Independent Practice: Measuring Areas by Counting Unit Squares	Independent Practice: Practice finding the area of a figure by counting unit squares.
				QZM3065	Quiz: Measuring Areas by Counting Unit Squares	Assessment: Quiz. Demonstrate an ability to find the area of a figure by counting unit squares.
		Using Tiles to Measure Area of a Rectangle	Find the area of a rectangle by tiling and by multiplying the side lengths.			
				M3066	Instruction: Using Tiles to Measure Area of a Rectangle	Instruction: Instructional Video. Learn to find the area of a rectangle by tiling and by multiplying the side lengths.
				M3067	Supported Practice: Using Tiles to Measure Area of a Rectangle	Supported Practice: Practice finding the area of a rectangle by tiling and by multiplying the side lengths.
				PRM3068	Independent Practice: Practice Resource: Using Tiles to Measure Area of a Rectangle	Independent Practice: Practice Resource. Practice finding the area of a rectangle by tiling and by multiplying the side lengths.
				QZM3069	Quiz: Using Tiles to Measure Area of a Rectangle	Assessment: Quiz. Demonstrate an ability to find the area of a rectangle by tiling and by multiplying the side lengths.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Multiplying to Find the Area of a Rectangle	Find the area of a rectangle by multiplying the length and width.			
				M3070	Instruction: Multiplying to Find the Area of a Rectangle	Instruction: Instructional Video. Learn to find the area of a rectangle by multiplying the length and width.
				M3071	Problem Solving: Multiplying to Find the Area of a Rectangle	Instruction: Learn to find the area of a rectangle by multiplying the length and width.
				M3072	Supported Practice: Multiplying to Find the Area of a Rectangle	Supported Practice: Practice finding the area of a rectangle by multiplying the length and width.
				M3073	Independent Practice: Multiplying to Find the Area of a Rectangle	Independent Practice: Practice finding the area of a rectangle by multiplying the length and width.
				QZM3074	Quiz: Multiplying to Find the Area of a Rectangle	Assessment: Quiz. Demonstrate an ability to find the area of a rectangle by multiplying the length and width.
		Finding the Area of a Rectangle by Dividing into Smaller Rectangles	Find the area of a rectangle by dividing it into two smaller rectangles.			
				M3075	Instruction: Finding the Area of a Rectangle by Dividing into Smaller Rectangles	Instruction: Interactive Exploration. Learn to find the area of a rectangle by dividing it into two smaller rectangles.
				M3076	Supported Practice: Finding the Area of a Rectangle by Dividing into Smaller Rectangles	Supported Practice: Practice finding the area of a rectangle by dividing it into two smaller rectangles.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				PRM3077	Independent Practice: Finding Area of a Rectangle by Dividing into Smaller Rectangles	Independent Practice: Practice Resource. Practice finding the area of a rectangle by dividing it into two smaller rectangles.
				QZM3078	Quiz: Finding the Area of a Rectangle by Dividing into Smaller Rectangles	Assessment: Quiz. Demonstrate an ability to find the area of a rectangle by dividing it into two smaller rectangles.
		Decomposing Shapes to Find Area with Multiplication and Addition	Find area by decomposing composite shapes into rectangles and adding the areas.			
				M3079	Instruction: Decomposing Shapes to Find Area with Multiplication and Addition	Instruction: Interactive Exploration. Learn to find area by decomposing composite shapes into rectangles and adding the areas.
				M3080	Problem Solving: Decomposing Shapes to Find Area with Multiplication and Addition	Instruction: Learn to find area by decomposing composite shapes into rectangles and adding the areas.
				M3081	Supported Practice: Decomposing Shapes to Find Area with Multiplication and Addition	Supported Practice: Practice finding area by decomposing composite shapes into rectangles and adding the areas.
				PRM3082	Independent Practice: Decomposing Shapes to Find Area with Multiplication and Addition	Independent Practice: Practice Resource. Practice finding area by decomposing composite shapes into rectangles and adding the areas.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				QZM3083	Quiz: Decomposing Shapes to Find Area with Multiplication and Addition	Assessment: Quiz. Demonstrate an ability to find area by decomposing composite shapes into rectangles and adding the areas.
Perimeter and Area	Understand the attributes of perimeter, area, and volume and apply appropriate techniques, tools, and formulas to determine measurements.					
		Perimeter	Find perimeter by counting units and by adding lengths. Measure to find the perimeter. Select appropriate label for measurement.			
				34177	Instruction/Practice: Perimeter	Find perimeter by counting units and by adding lengths. Measure to find the perimeter. Select appropriate label for measurement.
				34178	Independent Practice: Perimeter Exploratory	Find perimeter by counting units and by adding lengths. Measure to find the perimeter. Select appropriate label for measurement.
				34179	Perimeter Handbook	Find perimeter by counting units and by adding lengths. Measure to find the perimeter. Select appropriate label for measurement.
					Lesson Quiz: Perimeter	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Area	Find area by counting units. Multiply to find area. Select appropriate labels of measurement.			
				34180	Instruction/Practice: Area	Find area by counting units. Multiply to find area. Select appropriate labels of measurement.
				34181	Independent Practice: Area Exploratory	Find area by counting units. Multiply to find area. Select appropriate labels of measurement.
				34182	Area Handbook	Find area by counting units. Multiply to find area. Select appropriate labels of measurement.
					Lesson Quiz: Area	
		Comparing Perimeter and Area	Compare perimeter and area.			
				34183	Instruction/Practice: Comparing Perimeter and Area	Compare perimeter and area.
				34184	Independent Practice: Comparing Perimeter and Area Exploratory	Compare perimeter and area.
					Lesson Quiz: Comparing Perimeter and Area	
					Chapter Test: Perimeter and Area	
Display and Interpret Data	Display and interpret data in charts and graphs.					
		Pictographs	Display and interpret data in pictographs.			
				34086	Instruction/Practice: Pictographs	Display data in a pictograph. Interpret pictographs and compare data.
				34087	Independent Practice: Pictograph Exploratory	Display data in a pictograph. Interpret pictographs and compare data.

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34071	Pictographs Handbook	Display data in a pictograph. Interpret pictographs and compare data.
					Lesson Quiz: Pictographs	
		Bar Graphs	Display and interpret data in vertical and horizontal bar graphs.			
				34102	Instruction/Practice: Bar Graphs	Display data in a bar graph. (horizontal and vertical) Interpret bar graphs and compare data.
				34103	Independent Practice: Bar Graph Exploratory	Display data in a bar graph. (horizontal and vertical) Interpret bar graphs and compare data.
				34073	Bar Graph Handbook	Display data in a bar graph. (horizontal and vertical) Interpret bar graphs and compare data.
					Lesson Quiz: Bar Graphs	
		Tables	Display and interpret data in tables including tally, data, and frequency tables.			
				34104	Instruction/Practice: Tables	Organize data into a tally chart. Interpret tables with one attribute and compare data. (include tally table and frequency table)
				34075	Independent Practice: Tables Handbook	Organize data into a tally chart. Interpret tables with one attribute and compare data. (include tally table and frequency table)
					Lesson Quiz: Tables	
		Frequency Tables	Display and interpret data in frequency tables using two attributes.			

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				34110	Instruction/Practice: Frequency Tables	Display and interpret data in frequency tables using two attributes.
				34105	Frequency Tables Handbook	Display and interpret data in frequency tables using two attributes.
					Lesson Quiz: Frequency Tables	
					Chapter Test: Display and Interpret Data	
Probability	Apply basic concepts of probability.					
		Certain, Possible, Impossible	Determine the certainty, likelihood, and fairness of events.			
				34092	Instruction/Practice: Certain, Possible, Impossible	Determine the certainty, likelihood, and fairness of events.
				34093	Independent Practice: Certain, Possible, Impossible Exploratory	Determine the certainty, likelihood, and fairness of events.
				34063	Probability Handbook	Probability on coins and number cubes.
					Lesson Quiz: Certain, Possible, Impossible	
		Possible Outcomes	Determine and list all the possible outcomes of an event.			
				34094	Instruction/Practice: Possible Outcomes	Determine and list all the possible outcomes of an event.
				34095	Independent Practice: Possible Outcomes Exploratory	Determine and list all the possible outcomes of an event.
				34211	Possible Outcomes Handbook	Determine and list all the possible outcomes of an event.
					Lesson Quiz: Possible Outcomes	

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Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
					Chapter Test: Probability	
Problem-Solving	The learner will use Polya's four-step method to solve two-step word problems using the four operations.					
		Solving 2-Step Problems	Use Polya's four-step method to solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown.			
				OA024	Instruction/Practice: Solving 2-Step Problems	Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity.
				M3017	Problem Solving: Solving Two-Step Problems	Instruction: Learn to solve a two-step word problem.
				M3018	Supported Practice: Solving Two-Step Problems	Supported Practice: Practice solving a two-step word problem.
				M3019	Independent Practice: Solving Two-Step Problems	Independent Practice: Practice solving a two-step word problem.
				AQOA024	Activity Quiz: Solving 2-Step Problems	

Math 3: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Solving 2-Step Problems and Assessing Reasonableness	Solve two-step word problems using the four operations. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.			
				OA025	Instruction/Practice: Solving 2-Step Problems and Assessing Reasonableness	Solve two-step word problems using the four operations. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.
				OWOA025	Independent Practice: Compass Writer: Solving 2-Step Problems and Assessing Reasonableness	Assess the strategies used in two-step word problems to determine the reasonableness of solutions.
				AQOA025	Activity Quiz: Is it Reasonable?	
					Lesson Quiz: Basic Problem Solving	
					Chapter Test: Problem-Solving	
Mathematical Practices	This chapter addresses the Mathematical Practice standards.					
		Make Sense of Problems and Persevere	Students will make sense of problems and persevere in solving them.			
				MA39011	Instruction: Make Sense of Problems and Persevere	Instruction: Learn to make sense of problems and persevere in solving them.
		Reason Abstractly and Quantitatively	Students will reason abstractly and quantitatively.			

Math 3: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
				MA39012	Instruction: Creating and Using Representations	Instruction: Learn to create and use representations to solve problems.
		Construct Viable Arguments and Critique Reasoning	Students will construct viable arguments and critique the reasoning of others.			
				MA39013	Instruction: Constructing Reasonable Arguments and Critiquing the Reasoning of Others	Instruction: Learn to construct viable arguments and critique the reasoning of others.
		Model with Mathematics	Students will model with mathematics.			
				MA39014	Instruction: Modeling with Mathematics	Instruction: Learn to model with mathematics to solve problems.
		Use Appropriate Tools Strategically	Students will use appropriate tools strategically.			
				MA39015	Instruction: Using Tools and Strategies to Solve Problems	Instruction: Using Tools and Strategies to Solve Problems
		Attend to Precision	Students will attend to precision.			
				MA39016	Instruction: Attending to Precision	Instruction: Learn to attend to precision.
		Look for and Make Use of Structure	Students will look for and make use of structure.			
				MA39017	Instruction: Looking For and Making Use of Structure	Instruction: Learn to look for and make use of structure.
		Express Regularity in Repeated Reasoning	Students will express regularity in repeated reasoning.			
				MA39018	Instruction: Looking For and Using Repeated Reasoning	Instruction: Learn to look for and express regularity in repeated reasoning.

Math 3: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
Mathematical Processes	This chapter addresses the Mathematical Process standards.					
		Apply Mathematics to Real-World Problems	Students will apply mathematics to real-world problems.			
				MA39001	Instruction: Applying Mathematics to Problems in Everyday Life	Instruction: Learn to apply math to solve everyday problems.
		Use a Problem-Solving Model	Students will use a problem-solving model.			
				MA39002	Instruction: Using a Problem-Solving Model	Instruction: Learn to use a problem-solving model.
		Select Appropriate Tools	Students will select appropriate tools.			
				MA39003	Instruction: Using Tools and Strategies to Solve Problems	Instruction: Learn to select and use tools and strategies to solve problems.
		Communicate Reasoning	Students will communicate reasoning.			
				MA39004	Instruction: Communicating Mathematical Ideas and Reasoning	Instruction: Learn to communicate mathematical ideas and to explain your reasoning.
		Create and Use Representations	Students will create and use representations.			
				MA39005	Instruction: Creating and Using Representations	Instruction: Learn to create and use representations to solve problems.
		Analyze Relationships	Students will analyze relationships.			
				MA39006	Instruction: Analyzing Mathematical Relationships	Instruction: Learn to analyze mathematical relationships to solve problems.

Math 3: Scope and Sequence

Chapter Title	Chapter Description	Lesson Title	Lesson Description	Activity Code	Activity Title	Activity Description
		Use Precise Mathematical Language	Students will use precise mathematical language.			
				MA39007	Instruction: Displaying and Explaining Mathematical Ideas	Instruction: Learn to explain mathematical ideas using precise language and visual diagrams.