

### Sample, John

September 11, 2017 Grade 3

# TESTING REPORT

FALL 2017-2018

### Summary

TEST	RIT SCORE	RANGE	PERCENTILE	TYPICAL OF
Growth: Math 2-5 CCSS 2010 V2	199	197–201	77	3rd Grade Winter
Growth: Reading 2-5 CCSS 2010 V3	200	197–203	77	3rd Grade Spring
Lexile Range	720–8701	-		

#### Definitions

RIT Score: The student's overall score on the test.

**RIT Range:** If a student took the test again relatively soon, the score would fall within this range about 68% of the time.

**Percentile Rank:** The percentage of students in the national norms group for this grade, subject, and test administration season that this student's score equaled or exceeded.

**Typical of:** This is the grade level and test session at which the 50th percentile of the national norms group is approximately equal to the student's score.

**Lexile Range:** A score (displayed as a 150-point range) resulting from a correlation between NWEA's RIT score and the Lexile scale that helps identify reading material that is at an appropriate difficulty level for an individual student. More information about the Lexile framework may be found: <u>https://lexile.com</u>

### **Mathematics**



TEST	RIT SCORE	RANGE	PERCENTILE	TYPICAL OF
Growth: Math 2-5 CCSS 2010 V2	199	197–201	77	3rd Grade Winter

SECTION	RIT SCORE	RELATIVE TO AVERAGE
Operations and Algebraic Thinking	199	High-Average
Number and Operations	199	High-Average
Measurement and Data	201	High-Average
Geometry	199	High-Average

## Reading



TEST	RIT SCORE	RANGE	PERCENTILE	TYPICAL OF
Growth: Reading 2-5 CCSS 2010 V3	200	197–203	77	3rd Grade Spring

SECTION	RIT SCORE	RELATIVE TO AVERAGE
Literary Text: Key Ideas and Details	205	High
Literary Text: Language, Craft, Structure	211	High
Informational Text: Key Ideas and Details	199	High-Average
Informational Text: Language, Craft, Structure	194	High-Average
Vocabulary: Acquisition and Use	191	Average

## Learning Goals

The remainder of this report is an excerpt from NWEA's Learning Continuum that details the skills and concepts that are in the range of where your child performed on the MAP Growth test.

The "Reinforce" column shows skills and concepts where your child where your child was answering test items correctly about 75% of time and may need reinforcement to build consistent proficiency and confidence). The "Develop" column contains skills and concepts your child was answering correctly about 50% of the time (their zone of proximal development, or ZPD). The "Introduce" column has skills and concepts students were answering correctly about 25% of the time and may require additional scaffolding or pre-teaching. Each column is a range of 10 RIT points.

To continue growing at the same average rate as your child's academic peers, your child would need to increase their **Mathematics** RIT score by **11 points** on the Fall 2018–2019 MAP assessment. To increase their percentile ranking, we would recommend setting a goal of **11–18 points** over the next year. Users of Khan Academy may find <u>MAP to Khan Academy</u> helpful.

To continue growing at the same average rate as your child's academic peers, your child would need to increase their **Reading** RIT score by **9 points** on the Fall 2018–2019 MAP assessment. To increase their percentile ranking, we would recommend setting a goal of **9–14 points** over the next year.

#### MAP GROWTH MATHEMATICS LEARNING STATEMENTS

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Algebraic Expressions	1
		Evaluates linear expressions at given values with variables involving positive rational numbers
Nun	nber Sentences/Equations/Equivale	ence
Decomposes whole numbers within 10 in more than one way, using models	Determines unknown divisors in division equations with whole numbers and dividends within 100	Determines unknown divisors in division equations with whole numbers and dividends within 100
Determines start or change unknown in subtraction equations with whole numbers within 20	Determines unknown factors in multiplication equations with whole numbers and products within 100	Determines unknown factors in multiplication equations with whole numbers and products within 100
Determines unknown factors in multiplication equations with whole numbers and products within 100	Represents subtraction equations with whole numbers as part-unknown addition equations	Represents division equations with whole numbers as part-unknown multiplication equations
Determines unknown parts in addition equations with whole numbers, sums within 20		Represents subtraction equations with whole numbers as part-unknown addition equations
	Numerical Expressions	
Evaluates numerical expressions involving addition and subtraction with whole numbers and parentheses	Evaluates numerical expressions involving addition and subtraction with whole numbers and parentheses	Evaluates numerical expressions involving multiple operations with whole numbers and parentheses
	Evaluates numerical expressions involving multiple operations with whole numbers and parentheses	Represents descriptions of calculations with numerical expressions that include parentheses
Prop	perties and Relationships of Operat	lions
Applies the zero property of multiplication to whole numbers	Applies the associative property of multiplication to whole numbers	Applies the associative property of multiplication to whole numbers
ldentifies the missing equation in whole- number addition and subtraction fact families	Represents division as repeated subtraction	Decomposes numbers to simplify whole- number multiplication
Represents multiplication as repeated addition	Represents multiplication as repeated addition	Represents division as repeated subtraction
Represents multiplication as skip- counting	Represents multiplication as skip- counting	Represents division equations with whole numbers as part-unknown multiplication equations
Understands the inverse relationship between addition and subtraction, whole numbers within 20	Represents subtraction equations with whole numbers as part-unknown addition equations	Represents multiplication as repeated addition
Understands the inverse relationship between multiplication and division	Understands multiplication as a comparison of sizes	Represents subtraction equations with whole numbers as part-unknown addition equations

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Understands multiplication as many groups of equal size	Understands division as equal sharing
	Understands the inverse relationship between addition and subtraction, whole numbers within 20	Understands multiplication as a comparison of sizes
	Understands the inverse relationship between multiplication and division	Understands multiplication as many groups of equal size
		Understands the inverse relationship between multiplication and division
Whole N	umbers and Decimals: Rounding/Es	stimation
Estimates solutions to multi-step word problems involving the four operations with whole numbers	Estimates solutions to multi-step word problems involving the four operations with whole numbers	Estimates solutions to multi-step word problems involving the four operations with whole numbers
	Estimates solutions to one-step word problems involving any of the four operations with whole numbers	Estimates solutions to one-step word problems involving any of the four operations with whole numbers
V	/hole Numbers: Addition/Subtractic	on
Adds three or more whole numbers with sums within 20	Decomposes numbers to make 10 as a strategy for addition or subtraction	
Decomposes numbers to make 10 as a strategy for addition or subtraction		
W	/hole Numbers: Concepts/Propertie	)S
Determines if sets of objects are even or odd	Determines if sets of objects are even or odd	
	Identifies factors of numbers less than 100	Identifies factors of numbers less than 100
W	hole Numbers: Multiplication/Divisi	on
Divides basic facts	Divides basic facts	Decomposes numbers to simplify whole- number multiplication
Multiplies basic facts	Multiplies basic facts	Divides basic facts
Represents whole-number multiplication using models		
	Whole Numbers: Place Value	
Decomposes numbers to make 10 as a strategy for addition or subtraction	Decomposes numbers to make 10 as a strategy for addition or subtraction	
Whole Nu	mbers: Represent and Solve Word	Problems
Estimates solutions to multi-step word problems involving the four operations with whole numbers	Estimates solutions to multi-step word problems involving the four operations with whole numbers	Estimates solutions to multi-step word problems involving the four operations with whole numbers
Represents multi-step addition and subtraction word problems with expressions or equations, whole numbers	Estimates solutions to one-step word problems involving any of the four operations with whole numbers	Estimates solutions to one-step word problems involving any of the four operations with whole numbers

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Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 100	Represents multi-step addition and subtraction word problems with expressions or equations, whole numbers	Represents one-step equal-groups division word problems with expressions or equations, whole numbers
Represents one-step additive- comparison word problems with expressions or equations, whole numbers within 20	Represents one-step addition and subtraction word problems with expressions or equations, whole numbers within 100	Represents one-step equal-groups multiplication word problems with expressions or equations, whole numbers
Represents one-step equal-groups multiplication and division word problems with models, whole numbers	Represents one-step additive- comparison word problems with expressions or equations, whole numbers within 20	Represents one-step multiplicative- comparison word problems with expressions or equations, whole numbers
Represents one-step equal-groups multiplication word problems with expressions or equations, whole numbers	Represents one-step equal-groups multiplication and division word problems with models, whole numbers	Solves multi-step addition and subtraction word problems, whole numbers greater than 100
Represents one-step multiplicative- comparison word problems with expressions or equations, whole numbers	Represents one-step equal-groups multiplication word problems with expressions or equations, whole numbers	Solves multi-step addition and subtraction word problems, whole numbers within 100
Represents one-step put-together word problems with expressions or equations, answer unknown and whole numbers within 20	Represents one-step multiplicative- comparison word problems with expressions or equations, whole numbers	Solves multi-step multiplication and division word problems with whole numbers
Represents one-step put-together word problems with expressions or equations, start, change, or part unknown and whole numbers within 20	Represents one-step put-together word problems with expressions or equations, start, change, or part unknown and whole numbers within 20	Solves multi-step word problems involving the four operations with whole numbers
Represents one-step take-apart word problems with expressions or equations, answer unknown and whole numbers within 20	Represents one-step take-apart word problems with expressions or equations, answer unknown and whole numbers within 20	Solves one-step additive-comparison word problems, whole numbers greater than 100
Represents one-step take-apart word problems with expressions or equations, start, change, or part unknown and whole numbers within 20	Represents one-step take-apart word problems with expressions or equations, start, change, or part unknown and whole numbers within 20	Solves one-step additive-comparison word problems, whole numbers within 100
Solves multi-step addition and subtraction word problems, whole numbers greater than 100	Solves multi-step addition and subtraction word problems, whole numbers greater than 100	Solves one-step division word problems that require interpretation of remainders, whole numbers
Solves multi-step addition and subtraction word problems, whole numbers within 100	Solves multi-step addition and subtraction word problems, whole numbers within 100	Solves one-step division word problems, whole numbers with up to four-digit dividends and one-digit divisors, no remainders
Solves one-step additive-comparison word problems, whole numbers within 100	Solves one-step additive-comparison word problems, whole numbers within 100	Solves one-step equal-groups division word problems, whole numbers within 100

Analyzes and describes patterns without stating the rule	Analyzes and describes patterns without stating the rule	Analyzes and describes patterns without stating the rule
	involving three addends, whole numbers within 20 Patterns/Sequences/Series	
Solves put-together word problems involving three addends, whole numbers within 20	Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 20 Solves put-together word problems	
Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 20	Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 100	
Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within 100	Solves one-step take-apart word problems with start, change, or part unknown, whole numbers greater than 100	
Solves one-step take-apart word problems with result unknown, whole numbers within 20	Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 20	
Solves one-step take-apart word problems with result unknown, whole numbers within 100	Solves one-step put-together word problems with result unknown, whole numbers within 100	
Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 20	Solves one-step put-together word problems with result unknown, whole numbers greater than 100	
Solves one-step put-together word problems with start, change, or part unknown, whole numbers within 100	Solves one-step multiplicative- comparison word problems, whole- number products within 100	
Solves one-step put-together word problems with result unknown, whole numbers within 100	Solves one-step multiplicative- comparison word problems, whole- number products greater than 100	
Solves one-step put-together word problems with result unknown, whole numbers greater than 100	Solves one-step multiplication word problems with multi-digit whole numbers	
Solves one-step multiplication word problems with multi-digit whole numbers	Solves one-step equal-groups multiplication word problems, whole numbers with products within 100	Solves one-step take-apart word problems with start, change, or part unknown, whole numbers within
Solves one-step equal-groups multiplication word problems, whole numbers with products within 100	Solves one-step equal-groups division word problems, whole numbers within 100	Solves one-step put-together word problems with result unknown, whole numbers greater than 100
Solves one-step equal-groups division vord problems, whole numbers within 100	Solves one-step division word problems that require interpretation of remainders, whole numbers	Solves one-step multiplicative- comparison word problems, whole- number products within 100
Solves one-step additive-comparison vord problems, whole numbers within 20	Solves one-step additive-comparison word problems, whole numbers within 20	Solves one-step multiplication word problems with multi-digit whole numbers
Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concept

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Creates or extends growing/shrinking shape patterns, given the rule	Creates or extends growing/shrinking shape patterns, given the rule
	Recognizes skip-counting patterns in 100s charts	Creates or extends number patterns, given the rule
		Recognizes skip-counting patterns in 100s charts

#### NUMBER AND OPERATIONS

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concept
	Decimals: Addition/Subtraction	
Adds and subtracts decimals with the same number of digits after the decimal point, no regrouping		
Adds and subtracts decimals with the same number of digits after the decimal point, with regrouping		
	Adds and subtracts decimals with the same number of digits after the decimal point, no regrouping	Adds and subtracts decimals with a different number of digits after the decimal point, no regrouping
	Adds and subtracts decimals with the same number of digits after the decimal point, with regrouping	Adds and subtracts decimals with different number of digits after the decimal point, with regrouping
		Adds and subtracts decimals with the same number of digits after the decimal point, with regrouping
	Decimals: Compare/Order	
the same number of digits after the decimal point		Compares decimals to the hundredths, with a different number of digits after the decimal point, using terms
	Decimals: Multiplication/Division	
	Multiplies decimals by one-digit whole numbers	Multiplies decimals by multi-digit whole numbers
		Multiplies decimals by one-digit whole numbers
Decim	als: Represent and Solve Word Pro	oblems
Solves one-step word problems involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money		
Solves one-step word problems involving multiplication of one-digit whole numbers and decimals to the hundredths, including contexts involving money		
	Represents one-step word problems with expressions or equations and involving decimals with the same number of digits after the decimal point, including contexts involving money	Estimates solutions to one-step word problems involving any of the four operations with decimals, including contexts involving money

involving money

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Solves one-step word problems involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money	Solves multi-step word problems involving the four operations and decimals, including contexts involving money
	Solves one-step word problems involving multiplication of one-digit whole numbers and decimals to the hundredths, including contexts involving money	Solves one-step word problems involving addition and subtraction of decimals with the same number of digits after the decimal point, including contexts involving money
		Solves one-step word problems involving multiplication of multi-digit whole numbers and decimals to the hundredths, including contexts involving money
		Solves one-step word problems involving multiplication of one-digit whole numbers and decimals to the hundredths, including contexts involving money
	Decimals: Represent/Model	
	· · · · · · · · · · · · · · · · · · ·	Represents decimals to the thousandths in word form
	Fractions: Addition/Subtraction	
Adds and subtracts whole numbers, fractions, and/or mixed numbers with like denominators, no regrouping		
	Adds and subtracts fractions with like denominators	Adds and subtracts fractions with like denominators
	Adds and subtracts fractions with like denominators using models other than number lines	Adds and subtracts fractions with like denominators using models other than number lines
	Adds and subtracts whole numbers, fractions, and/or mixed numbers with like denominators, no regrouping	Adds and subtracts fractions with unlike denominators
		Adds and subtracts whole numbers, fractions, and/or mixed numbers with like denominators, no regrouping
	Fractions: Compare/Order	
Compares fraction models with like numerators or denominators using words		
Compares fraction models with unlike numerators and denominators using words		
	Compares fraction models with unlike numerators and denominators using words	Compares fraction models with like numerators or denominators using symbols

a by fractions, results n inding fractions of the same as finding word problems and subtraction of denominators ord problems involvin action of fractions with using models ford problems involvin hole numbers and uni hole numbers and uni
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fractions for given area
fractions
equivalent to whole
nt fraction models
mixed numbers and
0 and 100
fractions with
ctions using words
models with unlike enominators using
le

Models non-unit fractions using area models

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Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Models unit fractions using area models		
Understands the meaning of the numerator and the denominator in a fraction		
	Locates unit fractions on a number line	Locates unit fractions on a number line
	Models non-unit fractions using area models	Models non-unit fractions using area models
	Models unit fractions using area models	
	Money	
		Rounds dollars and cents
		Solves multi-step money word problems involving decimals and coins and/or bills given as names
		Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures
Nur	nber Sentences/Equations/Equivale	ence
Applies knowledge of place value or number sense to compose or decompose whole numbers greater than 10 to create equivalent expressions Applies knowledge of place value or number sense to compose or decompose whole numbers greater than 10 to create		
equivalent expressions	Applies knowledge of place value or number sense to compose or decompose whole numbers greater than 10 to create equivalent expressions	Applies knowledge of place value or number sense to compose or decompose whole numbers greater than 10 to create equivalent expressions
	Applies knowledge of place value or number sense to compose or decompose whole numbers greater than 10 to create equivalent expressions	Determines unknown factors in multiplication equations with whole numbers and products greater than 100
	Problem Solving with Units	
		Solves multi-step money word problems involving decimals and coins and/or bills given as names
		Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures
Pro	perties and Relationships of Operat	ions
Applies the commutative property of		

Applies the commutative property of addition to whole numbers

Applies the commutative property of addition to whole numbers

Applies the commutative property of addition to whole numbers

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concept
		Decomposes numbers to simplify whole-
		number multiplication
	Rational Numbers: Equivalence	
		Converts between decimals and fraction
		with denominators of 10 or 100
		Converts between decimals and fraction
		with denominators of 2, 4, or 5
Whole N	umbers and Decimals: Rounding/Es	stimation
Rounds whole numbers within 1,000		
Rounds whole numbers within 100		
	Rounds decimals to nearest whole number	Rounds decimals to nearest whole number
	Rounds whole numbers within 1,000	Rounds dollars and cents
	Rounds whole numbers within 1,000,000	Rounds whole numbers greater than 1,000,000
	Rounds whole numbers within 100	Rounds whole numbers within 1,000
		Rounds whole numbers within 1,000,00
		Rounds whole numbers within 100
		Estimates solutions to one-step word problems involving any of the four operations with decimals, including contexts involving money

#### Whole Numbers: Addition/Subtraction

Adds three or more whole numbers with sums greater than 100

Adds whole numbers with sums greater than 10,000

Adds whole numbers with sums within 1,000, with regrouping

Adds whole numbers with sums within 100 using models

Subtracts whole numbers greater than 1,000

Subtracts whole numbers within 1,000, no regrouping

Subtracts whole numbers within 100 using models

Subtracts whole numbers within 100, no regrouping

Subtracts whole numbers within 100, with regrouping

Reinforce these skills & concepts		Introduce these skills & concepts
	Adds three or more whole numbers with sums greater than 100	Adds three or more whole numbers with sums greater than 100
	Adds whole numbers with sums within 10,000	Subtracts whole numbers greater than 1,000
	Adds whole numbers with sums within 100 using models	
	Subtracts whole numbers greater than 1,000	
	Subtracts whole numbers within 1,000, with regrouping	
	Subtracts whole numbers within 100, with regrouping	
	Whole Numbers: Compare/Order	
Compares sets of objects within 10 using terms		
Compares whole numbers greater than 10,000 using terms		
Compares whole numbers within 1,000 using symbols		
Compares whole numbers within 1,000 using terms		
Compares whole numbers within 10,000 using symbols		
Compares whole numbers within 10,000 using terms		
Compares whole numbers within 100 using symbols		
Orders whole numbers within 10,000		
	Compares sets of objects within 10 using terms	Compares whole numbers greater than 10,000 using symbols
	Compares whole numbers greater than 10,000 using symbols	Compares whole numbers greater than 10,000 using terms
	Compares whole numbers greater than 10,000 using terms	
	Compares whole numbers within 1,000 using symbols	
	Compares whole numbers within 10,000 using symbols	
	Compares whole numbers within 10,000 using terms	

Orders whole numbers within 10,000

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Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Whole Numbers: Counting and Cardinality		
Counts backward by 100s within 1,000		
Counts by 100s within 1,000		
Counts by 5s within 100		
	Counts backward by 100s within 1,000	
W	hole Numbers: Multiplication/Divisi	on
Multiplies one-digit whole numbers by multiples of 10		
Multiplies two-digit whole numbers by two-digit whole numbers		
	Divides whole numbers up to four digits by one-digit divisors, without a remainder	Decomposes numbers to simplify whole- number multiplication
	Multiplies multi-digit whole numbers	Divides multi-digit whole numbers by one-digit divisors with no remainder using models
	Multiplies one-digit whole numbers by multiples of 10	Divides whole numbers up to four digits by one-digit divisors, without a remainder
	Multiplies one-digit whole numbers by two-digit whole numbers	Divides whole numbers up to four digits by two-digit divisors, without a remainder
	Multiplies one-digit whole numbers by whole numbers with more than two digits	Multiplies multi-digit whole numbers
	Multiplies two-digit whole numbers by two-digit whole numbers	Multiplies one-digit whole numbers by two-digit whole numbers
		Multiplies one-digit whole numbers by whole numbers with more than two digits
		Multiplies three or more one-digit whole numbers
		Multiplies two-digit whole numbers by two-digit whole numbers

#### Whole Numbers: Place Value

Composes or decomposes tens in a model to represent whole numbers within 100 in multiple ways

Identifies the number of tens and ones in a model

Knows place value names through hundred thousands

Reads and writes whole numbers within 1,000 as hundreds, tens, and ones

Reads and writes whole numbers within 1,000 in expanded form

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Reads and writes whole numbers within 1,000 in word form	·	
Reads and writes whole numbers within 10,000 in expanded form		
Reads and writes whole numbers within 100 as tens and ones		
Reads and writes whole numbers within 100,000 in word form		
Represents whole numbers within 1,000 with models		
Understands the value of a digit in whole numbers within 1,000		
Understands the value of a digit in whole numbers within 1,000,000		
	Composes or decomposes tens in a model to represent whole numbers within 100 in multiple ways	Decomposes whole numbers within 100 into tens and ones in multiple ways
	Knows place value names through hundred thousands	Knows place value names greater than hundred thousands
	Reads and writes whole numbers greater than 1,000,000 in word form	Reads and writes whole numbers greater than 1,000,000 in word form
	Reads and writes whole numbers within 1,000 in expanded form	Reads and writes whole numbers within 1,000,000 in expanded form
	Reads and writes whole numbers within 1,000,000 in word form	Reads and writes whole numbers within 1,000,000 in word form
	Reads and writes whole numbers within 10,000 in expanded form	Reads and writes whole numbers within 10,000 as thousands, hundreds, tens, and ones
	Reads and writes whole numbers within 100 as tens and ones	Reads and writes whole numbers within 100,000 in expanded form
	Reads and writes whole numbers within 100,000 in expanded form	Reads and writes whole numbers within 100,000 in word form
	Reads and writes whole numbers within 100,000 in word form	Represents whole numbers greater than 1,000 with models
	Represents whole numbers greater than 1,000 with models	Understands patterns of zeros when multiplying by 10, 100, 1,000, etc.
	Represents whole numbers within 1,000 with models	Understands that the same digit, moved one place to the left, now represents 10 times the value
	Understands the value of a digit in whole numbers within 1,000,000	Understands the value of a digit in whole numbers greater than 1,000,000

#### Whole Numbers: Represent and Solve Word Problems

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Solves one-step division word problems	Solves one-step division word problems
	with multi-digit whole numbers	with multi-digit whole numbers

#### MEASUREMENT AND DATA

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Angle Measurement	
Compares angle measures to benchmark angles	Compares angle measures to benchmark angles	Compares angle measures to benchmark angles
Identifies/estimates angle measures	Identifies/estimates angle measures	Identifies/estimates angle measures
Solves one-step word problems involving angles	Solves one-step word problems involving angles	Measures non-right angles using a protractor
		Solves one-step word problems involving angles
	Area	
Determines the area of figures composed of whole unit squares	Determines the area of figures composed of whole and partial unit squares	Determines the area of figures composed of whole and partial unit squares
Determines the area of rectangles with whole number sides, given the formula	Determines the area of rectangles with whole number sides, given the formula	Determines the area of parallelograms, formula not provided
Estimates the area of figures using square units	Determines the area of rectangles with whole-number sides, formula not provided	Determines the area of rectangles with whole number sides, given the formula
	Recognizes situations which describe area	Determines the area of rectangles with whole-number sides, formula not provided
	Solves problems involving areas of rectangles within a real-world or mathematical context	Recognizes situations which describe area
		Solves problems involving areas of rectangles within a real-world or mathematical context
	Capacity	
Completes simple conversions of customary units of capacity	Completes simple conversions of customary units of capacity	Completes complex conversions of customary units of capacity involving fractions, decimals, or more than two units
Knows relative sizes ofcustomary units of capacity	Identifies metric units or tools for measuring capacity	Completes simple conversions of customary units of capacity
	Knows relative sizes of metric units of capacity	Estimates the capacity of objects in metric units
	Knows relative sizes ofcustomary units of capacity	Identifies metric units or tools for measuring capacity
		Knows relative sizes ofcustomary units of capacity
		Measures the capacity of objects in metric units
		Solves multi-step capacity word problems involving whole numbers and conversion
Page 19		of customary units Affordabletests.cor

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Conversion of Units	
Completes simple conversions of customary units of capacity	Completes complex conversions of customary units of length involving fractions, decimals, or more than two units	Completes complex conversions of customary units of capacity involving fractions, decimals, or more than two units
Completes simple conversions of customary units of length	Completes simple conversions of customary units of capacity	Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
Completes simple conversions of customary units of weight	Completes simple conversions of customary units of length	Completes complex conversions of more than two units of time
Completes simple conversions of units of time	Completes simple conversions of customary units of weight	Completes conversions of metric units of mass
	Completes simple conversions of units of time	Completes simple conversions of customary units of capacity
	Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.	Completes simple conversions of customary units of length
		Completes simple conversions of customary units of weight
		Completes simple conversions of units of time
		Solves multi-step capacity word problems involving whole numbers and conversion of customary units
		Solves multi-step length word problems involving decimals or fractions and conversion of customary units
		Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.
	Data Analysis	

#### Data Analysis

	<b>v</b>	
Adds and subtracts to answer quest about bar graphs with multi-unit sca	•	Adds and subtracts to answer questions about bar graphs with multi-unit scales
Adds and subtracts to answer quest about bar graphs with single-unit so	•	Adds and subtracts to answer questions about pictographs with multi-unit scales
Adds and subtracts to answer quest about pictographs with multi-unit sc		Solves multi-step problems using data from bar graphs with multi-unit scales
Compares categories in bar graphs multi-unit scales to determine which less than or least		
Compares categories in pictograph single-unit scales to determine whic less than or least	Reads pictodraphs with multi-linit scales	

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Compares multiple categories in bar graphs with multi-unit scales to answer questions		
Compares multiple categories in bar graphs with single-unit scales to answer questions		
Reads bar graphs with multi-unit scales to determine how many in a category		
Reads line plots with whole-number scales to determine how many in a category		
Reads pictographs with multi-unit scales to determine how many in a category		
Reads tables or charts to determine how many in a category		
	Data Representation	
Represents data in bar graphs with multi- unit scales	Represents data in bar graphs with multi- unit scales	Represents data in line or dot plots with fractional scales
Represents data in line or dot plots with whole number scales	Represents data in line or dot plots with whole number scales	Represents data in line or dot plots with whole number scales
Represents data in pictographs with multi-unit scales	Represents data in pictographs with multi-unit scales	
Represents data in pictographs with single-unit scales	Represents data in picture graphs with multi-unit scales	
Represents data in tables or charts		
	Length	
Completes simple conversions of customary units of length	Completes complex conversions of customary units of length involving fractions, decimals, or more than two units	Completes complex conversions of customary units of length involving fractions, decimals, or more than two units
Estimates the length of an object in centimeters	Completes simple conversions of customary units of length	Completes simple conversions of customary units of length
Knows relative sizes of customary units of length	Knows relative sizes of customary units of length	Solves multi-step length word problems involving decimals or fractions and conversion of customary units
Knows relative sizes of metric units of length	Knows relative sizes of metric units of length	
Measures length, width, or height in nonstandard units	Understands measurement involving rulers	
	Measures length, width, or height to the nearest quarter inch	Measures length, width, or height to the nearest quarter inch
	Money	

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Counts on to determine the decimal value of a collection of coins and/or bills given as names	Determines possible coin combinations equivalent to a specific amount, given either coin names or a specified number of coins	Determines possible coin combinations equivalent to a specific amount, given either coin names or a specified number of coins
Determines possible coin combinations equivalent to a specific amount, given either coin names or a specified number of coins	Solves multi-step money word problems involving decimals and coins and/or bills given as names	Solves multi-step money word problems involving decimals and coins and/or bills given as names
Determines the whole number value of a collection of coins given as coin names	Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures	
Solves multi-step money word problems involving decimals and coins and/or bills given as names		
Solves multi-step money word problems involving whole numbers and coins and/or bills given as names		
Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures		
	Perimeter/Circumference	
Determines the perimeter of basic polygons in which not all sides are labeled	Determines side lengths given the perimeter of rectangles	Counts to find the perimeter of complex figures
Determines the perimeter of basic polygons with all sides labeled	Determines the perimeter of basic polygons in which not all sides are labeled	Describes the effect on perimeter when dimensions of a rectangle are changed
Solves problems involving perimeters of rectangles within a real-world or mathematical context	Solves problems involving perimeters of rectangles within a real-world or mathematical context	Determines side lengths given the perimeter of rectangles
		Determines the perimeter of basic polygons in which not all sides are labeled
		Solves problems involving perimeters of rectangles within a real-world or mathematical context
	Populations/Random Processes	
		Analyzes data from samples to make inferences about populations
		Analyzes data from samples to make inferences about populations
	Problem Solving with Units	
Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.	Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.	Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.

	1	1
Reinforce these skills & concepts		Introduce these skills & concept
Solves elapsed time word problems involving either minutes within one hour, or hours and/or minutes within A.M. or P.M.	Solves elapsed time word problems involving either minutes within one hour, or hours and/or minutes within A.M. or P.M.	Solves multi-step capacity word problem involving whole numbers and conversion of customary units
Solves multi-step money word problems involving decimals and coins and/or bills given as names	Solves multi-step money word problems involving decimals and coins and/or bills given as names	Solves multi-step length word problems involving decimals or fractions and conversion of customary units
Solves multi-step money word problems involving whole numbers and coins and/or bills given as names	Solves multi-step money word problems involving whole numbers greater than 100	Solves multi-step length word problems involving whole numbers
Solves multi-step money word problems involving whole numbers within 100	Solves multi-step money word problems involving whole numbers within 100	Solves multi-step money word problems involving decimals and coins and/or bills given as names
Solves one-step length word problems involving addition or subtraction	Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.	Solves multi-step money word problems involving whole numbers greater than 100
Solves one-step money word problems involving whole number addition or subtraction	Solves one-step money word problems involving whole number addition or subtraction	Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.
Solves one-step money word problems involving whole number multiplication or division	Solves one-step time word problems involving addition or subtraction	Solves one-step capacity word problems involving whole number multiplication or division
Solves one-step weight/mass word problems involving whole number multiplication and division	Solves one-step time word problems involving multiplication or division	Solves problems involving areas of rectangles within a real-world or mathematical context
Solves problems involving perimeters of rectangles within a real-world or mathematical context	Solves one-step weight/mass word problems involving whole number addition and subtraction	Solves problems involving perimeters of rectangles within a real-world or mathematical context
Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures	Solves problems involving areas of rectangles within a real-world or mathematical context	Solves problems involving rectangular prisms composed of unit cubes
	Solves problems involving perimeters of rectangles within a real-world or mathematical context	
	Solves word problems involving amount spent or change received, whole numbers, and coin names or pictures	
	Time	
Completes simple conversions of units of time	Completes simple conversions of units of time	Completes complex conversions of more than two units of time
Determines elapsed time across both minutes and hours using clocks	Determines elapsed time across both minutes and hours using clocks	Completes simple conversions of units o time
Determines elapsed time across either minutes or hours using clocks	Determines elapsed time across either minutes or hours using clocks	Determines elapsed time across both minutes and hours using clocks

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Reads analog clocks to the nearest five minutes	Reads analog clocks to the nearest minute	Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.
Reads analog clocks to the nearest minute	Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.	Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.
Solves elapsed time word problems involving either minutes crossing over an hour, or hours and/or minutes crossing over A.M. or P.M.	Solves elapsed time word problems involving either minutes within one hour, or hours and/or minutes within A.M. or P.M.	
Solves elapsed time word problems involving either minutes within one hour, or hours and/or minutes within A.M. or P.M.	Solves multi-step time word problems involving conversion across seconds, minutes, hours, etc.	
Understands time interval concepts: quarter to, half past, etc.	Understands time interval concepts: quarter to, half past, etc.	
	Volume	
	Determines the volume of figures by counting unit cubes	Determines the volume of figures by counting unit cubes
		Determines the volume of rectangular prisms, formula not provided
		Solves problems involving rectangular prisms composed of unit cubes
	Weight/Mass	
Completes simple conversions of customary units of weight	Completes simple conversions of customary units of weight	Completes conversions of metric units of mass
Knows relative sizes of metric units of mass		Completes simple conversions of customary units of weight

#### GEOMETRY

Develop these skills & concepts	Introduce these skills & concepts
Coordinate Geometry	
Determines the coordinates of points in the first quadrant of a coordinate plane	Determines the coordinates of missing vertices of geometric figures in the first quadrant given the other vertices plotted on the coordinate plane
Interprets points with whole number coordinates in the first quadrant within the given context	Determines the coordinates of points in the first quadrant of a coordinate plane
	Plots the coordinates of points in the first quadrant of a coordinate plane
Fractions: Represent/Model	
Identifies shapes that are divided into quarters	ldentifies shapes that are divided into quarters
	Identifies the fractional parts of shapes
ification and Classification of 2-D S	hapes
Composes or decomposes 2-D shapes to form new shapes	Classifies 2-D shapes by properties, given pictures
Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.	Composes or decomposes 2-D shapes to form new shapes
	ldentifies and names nonbasic shapes, such as trapezoids, hexagons, etc.
	the first quadrant of a coordinate plane Interprets points with whole number coordinates in the first quadrant within the given context Identifies shapes that are divided into quarters fication and Classification of 2-D S form new shapes Identifies and names nonbasic shapes,

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Identifies and names special triangles, such as acute, right, scalene, etc., given pictures
		Identifies properties of a 2-D shape, such as right angles, parallel sides, etc., given pictures
		Knows definitions of non-basic shapes, such as trapezoids, hexagons, etc.
		Knows definitions of special triangles, such as acute, right, scalene, etc.
		Understands the relationships among categories of shapes
Identi	fication and Classification of 3-D S	hapes
	Identifies and names cubes, cones, cylinders, and spheres	Composes or decomposes 3-D shapes to form new shapes
	ldentifies and names the 3-D shape of real-world objects	
	Identifies the number of faces, edges, or vertices for a 3-D object, given pictures	
	Points, Lines, Segments, Rays, and Angles	
	Identifies parallel lines	Identifies acute or obtuse angles
	ldentifies parallel lines involving real- world objects	Identifies parallel lines
	Identifies right angles	Identifies parallel lines involving real- world objects
		ldentifies points, lines, rays, line segments, and angles
		Identifies right angles
Poir	nts, Lines, Segments, Rays, and An	gles

Identifies parallel lines involving realworld objects

Identifies right angles

#### Spatial Concepts and Symmetry

Composes or decomposes 2-D shapes to form new shapes

Determines the number of lines of symmetry in 2-D figures

Identifies 2-D figures which have line symmetry

> Composes or decomposes 2-D shapes to Composes or decomposes 2-D shapes to form new shapes

form new shapes

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Determines the number of lines of symmetry in 2-D figures	Composes or decomposes 3-D shapes to form new shapes
	Identifies 2-D figures which have line symmetry	Determines the number of lines of symmetry in 2-D figures
		Identifies 2-D figures which have line symmetry

#### MAP GROWTH READING LEARNING STATEMENTS

#### LITERARY TEXT: KEY IDEAS AND DETAILS

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Author's Craft: Style, Voice, Tone, Mood		

**Cause and Effect** Determines the cause of a situation or Determines the cause of a situation or event in literary text Determines the effect event in literary text Determines the effect of a situation or event in literary text of a situation or event in literary text Draws conclusions from literary text Draws conclusions from literary text Makes inferences about characters in Makes inferences about characters in literary text Makes inferences about plot literary text Makes inferences about plot in literary text Makes inferences about in literary text Makes inferences about setting in literary text Makes inferences setting in literary text Makes inferences based on a title Makes inferences from based on a title Makes inferences from literary text Makes inferences from poetry poetry Makes predictions from literary text Makes predictions from literary text

Determines the cause of a situation or event in literary text

Analyzes how setting affects tone

#### Characterization

Analyzes dialogue to understand characters Compares or contrasts characters Describes character traits or attributes Distinguishes between main and supporting characters Explains character motivation Infers character feelings or thoughts Understands how characters are developed or changed Analyzes dialogue to understand characters Compares or contrasts characters Describes character traits or attributes Distinguishes between main and supporting characters Explains character motivation Infers character feelings or thoughts Understands character relationships Understands how characters are developed or changed

> Analyzes dialogue to understand characters Analyzes how setting affects characters Describes character traits or attributes Explains character motivation Infers character feelings or thoughts Understands character relationships Understands how characters are developed or changed

#### Inferences, Conclusions, Predictions

Draws conclusions from literary text Makes inferences about characters in literary text Makes inferences about plot in literary text Makes inferences about setting in literary text Makes inferences based on a title Makes inferences from poetry Makes predictions from literary text

#### Locating Information

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concept
Locates details about characters in literary text Locates details about events in literary text Locates details about plot in literary text Locates details about setting in literary text	Locates details about characters in literary text Locates details about events in literary text Locates details about plot in literary text Locates details about setting in literary text Locates details in poetry	
		Locates details about characters in literary text Locates details about events in literary text Locates details about plot in literary text
	Main or Central Idea, Topic, Titles	
Determines the central idea in literary text Identifies the best title for a literary text	Determines the central idea in literary text Identifies the best title for a literary text	
	Plot	
Identifies problem/conflict in literary text Identifies the resolution of conflict in literary text	Identifies problem/conflict in literary text Identifies the resolution of conflict in literary text Identifies type of conflict in literary text	
		Identifies climax in literary text Identifies problem/conflict in literary text
	Sequencing	
Understands sequence in literary text	Understands sequence in literary text	
		Understands sequence in literary text
	Setting	
Compares or contrasts setting across literary texts Draws conclusions about a setting based on a description Identifies details that reveal aspects of setting Identifies setting Recognizes description of setting	Compares or contrasts setting across literary texts Draws conclusions about a setting based on a description Identifies details that reveal aspects of setting Identifies setting Recognizes description of setting	
		Analyzes how setting affects characters Analyzes how setting affects tone Compares or contrasts setting across literary texts Draws conclusions about a setting based on a description Identifies details that reveal aspects of setting Identifies setting Recognizes description of setting
	Summarizing, Paraphrasing	
Summarizes a sequence of events in literary text Summarizes literary text	Summarizes a sequence of events in literary text Summarizes literary text Summarizes poetry	
		Summarizes a sequence of events in literary text Summarizes literary text Summarizes poetry
		Summanzes poeu y

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Determines details that support a stated idea in literary text Determines details that support an inference in literary text Determines details that support the central idea in literary text	Determines details that support a stated idea in literary text Determines details that support an inference in literary text Determines details that support an inference in poetry Determines details that support the central idea in literary text	
Compares and contrasts ideas presented in multiple literary texts	Compares and contrasts ideas presented in multiple literary texts Identifies details that support the theme in literary text	
		Determines details that support a stated idea in literary text Determines details that support an inference in literary text Determines details that support an inference in poetry Determines details that support the central idea in literary text Compares and contrasts ideas presented in multiple literary texts Identifies details that support the theme in literary text
	Theme, Moral, Lesson	
Determines a shared theme in multiple texts Determines the lesson learned by a character Determines the moral of a fable Determines the moral of a story Determines theme in literary text Determines theme in poetry	Analyzes the development of a shared theme in multiple texts Determines a shared theme in multiple texts Determines the moral of a fable Determines the moral of a story Determines theme in literary text Determines theme in poetry	

Analyzes the development of a shared theme in multiple texts Analyzes the development of theme in literary text Determines a shared theme in multiple texts Determines the moral of a fable Determines theme in literary text Determines theme in poetry

#### LITERARY TEXT: LANGUAGE, CRAFT, STRUCTURE

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
· · · · · · · · · · · · · · · · · · ·	Author's Craft: Figurative Language	· · · · ·
	Analyzes the effect of alliteration in	
Analyzes the effect of figurative language	literary text Analyzes the effect of	
in literary text Determines the meaning of	figurative language in literary text	
a figurative phrase in literary text	Determines the meaning of a figurative	
Identifies alliteration Identifies idiom	phrase in literary text Identifies alliteration	
Identifies onomatopoeia Identifies simile	Identifies idiom Identifies onomatopoeia	
Identifies symbolism Interprets allusion in	Identifies simile Identifies symbolism	
literary text Interprets extended metaphor	Interprets allusion in literary text Interprets	
in literary text Interprets idiom in literary	extended metaphor in literary text	
text Interprets irony in literary text	Interprets extended metaphor in poetry	
Interprets metaphor that makes a simple	Interprets idiom in literary text Interprets	
comparison to describe a concrete idea	irony in literary text Interprets metaphor	
in literary text Interprets onomatopoeia in	that makes a complex comparison to	
literary text Interprets simile in literary text	describe an abstract idea in literary text	
Interprets symbolism in literary text	Interprets personification in literary text	
Interprets the effect of repetition in literary	Interprets simile in literary text Interprets	
text Interprets use of rhyme in poetry	symbolism in literary text Interprets the	
	effect of repetition in literary text	
Aut	hor's Craft: Foreshadowing, Flashb	ack
	Identifies flashback in literary text	
Identifies flash-forward in literary text	Identifies foreshadowing in literary text	
Understands how authors develop	Understands how authors develop	
characters using flashback	characters using flashback	
	Identifies foreshadowing in literary text	Identifies foreshadowing in literary text
	Author's Craft: Imagery, Descriptio	n
Identifies imagery or description	Identifies imagery or description	
Understands that descriptions appeal to	Understands that descriptions appeal to	
different senses	different senses	
	Author's Craft: Perspective, Attitud	e
Determines narrator's attitude in literary	Determines narrator's attitude in literary	
text Determines speaker's attitude in	text Determines speaker's attitude in	
poetry	poetry Identifies details that support	
poory	narrator's viewpoint in literary text	
	Determines narrator's attitude in literary	
	text Determines speaker's attitude in	
	poetry Identifies details that support	
	narrator's viewpoint in literary text	
A	uthor's Craft: Style, Voice, Tone, Mo	od
Analyzes how mood is conveyed in	Analyzes how mood is conveyed in	
literary text Determines mood in literary	literary text Analyzes the effect of word	
text	choice in literary text Determines mood in	
IGAL	literary text	
	Characteristics of Genre: Literary	

Painforce these skills ? sensents	Develop these skills ? senses to	Introduce these skills ? corrects
Reinforce these skills & concepts Distinguishes between text found in	Develop these skills & concepts	Introduce these skills & concepts
stories and poetry Identifies form or structure in poetry Understands characteristics of drama Understands characteristics of fiction Understands characteristics of legends Understands characteristics of myths Understands characteristics of poetry Understands characteristics of tall tales Understands terms that refer to structural elements in drama	Analyzes structure of a drama Determines rhyme scheme in poetry Identifies form or structure in poetry Identifies stanzas in poetry Understands characteristics of drama Understands characteristics of fiction Understands characteristics of myths Understands characteristics of realistic fiction Understands terms that refer to structural elements in drama	
	Analyzes form or structure of poetry Analyzes how the structure of a poem contributes to its meaning Determines rhyme scheme in poetry Identifies form or structure in poetry Identifies stanzas in poetry Understands characteristics of drama Understands characteristics of fiction Understands terms that refer to structural elements in drama	Understands terms that refer to structural elements in drama
	Dialogue	
Analyzes how dialogue advances plot in literary text	Analyzes how dialogue advances plot in literary text	
	Analyzes how dialogue advances plot in literary text Analyzes use of dialogue in literary text Identifies dialogue as the primary structure of a literary text	Analyzes how dialogue advances plot in literary text
	Plot	
Analyzes how dialogue advances plot in literary text	Analyzes how dialogue advances plot in literary text Identifies events that lead to resolution of problem/conflict Understands development of plot in literary text Understands terms commonly used to describe plot Analyzes how dialogue advances plot in literary text Identifies exposition in literary	Analyzes how dialogue advances plot in literary text Understands development of
	text Understands development of plot in literary text Understands terms commonly used to describe plot	plot in literary text Understands terms commonly used to describe plot
	Point of View	
Analyzes the effect of narrator's point of view Identifies the narrator in literary text Predicts how a story would differ if told from another point of view Recognizes first-person point of view Understands how first-person and third-person narratives differ	Analyzes the effect of narrator's point of view Predicts how a story would differ if told from another point of view Recognizes different types of third-person point of view Recognizes third-person point of view	
	Analyzes the effect of narrator's point of view Predicts how a story would differ if told from another point of view Recognizes third-person point of view	Analyzes the effect of narrator's point of view

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Purpose	
Determines specific purpose of literary	Determines specific purpose of literary	
text	text	
	Supporting Details	
	Identifies details that support narrator's	
	viewpoint in literary text	
	Identifies details that support narrator's	
	viewpoint in literary text	
	Text Features, Visuals	
	Understands the purpose of varied	
	typeface in literary text	
Analyzes how images contribute to meaning or tone in literary text		
	Text Structure: Organization	
Identifies form or structure in poetry	Analyzes structure of a drama Identifies	
	form or structure in poetry	
	Analyzes form or structure of poetry	
	Identifies form or structure in poetry	

#### INFORMATIONAL TEXT: KEY IDEAS AND DETAILS

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Cause and Effect	
Determines cause and effect in sentences Determines the cause of a situation or event in informational text Determines the cause of a situation or event in literary nonfiction	Determines the cause of a situation or event in informational text Determines the cause of a situation or event in literary nonfiction	
Determines the effect of a situation or event in informational text	Determines the cause of a situation or event in informational text Determines the effect of a situation or event in informational text	
		Determines the cause of a situation or event in informational text
		Determines the cause of a situation or event in informational text Determines the effect of a situation or event in informational text
	Facts and Opinions	
Determines whether a statement is fact or opinion	Determines whether a statement is fact or opinion Distinguishes fact from opinion in advertising Distinguishes fact from opinion in charts Distinguishes fact from opinion in informational text	
		Determines whether a statement is fact or opinion Distinguishes fact from opinion in advertising Distinguishes fact from opinion in informational text
	Following Directions	
Locates information in a set of directions Understands sequence in a set of directions	Draws conclusions from a set of directions Locates information in a set of directions Understands sequence in a set of directions	
		Locates information in a set of directions Understands sequence in a set of directions
1	nferences, Conclusions, Prediction	S
	Draws conclusions from a set of	
Draws conclusions from informational text Infers the word that completes predictable text Makes inferences about the author of	directions Draws conclusions from informational text Draws conclusions from procedural or technical text Makes	
informational text Makes inferences from definitions Makes inferences from informational text Makes inferences from literary nonfiction Makes predictions from	inferences about the author of informational text Makes inferences from a set of directions Makes inferences from definitions Makes inferences from	
informational text	informational text Makes inferences from literary nonfiction Makes predictions from informational text	
Compares and contrasts ideas described in informational text	Compares and contrasts ideas described in informational text	

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Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Draws conclusions from informational text
		Draws conclusions from procedural or
		technical text Makes inferences about the
		author of informational text Makes
		inferences from a set of directions Makes
		inferences from definitions Makes
		inferences from informational text Makes
		inferences from literary nonfiction Makes
		predictions from informational text Makes
		predictions from literary nonfiction
		Analyzes implicit relationships between
		ideas in informational text Compares and
		contrasts ideas described in informational
		text

#### Locating Information

Locates details in an advertisement Locates details in informational text Locates information in a set of directions Locates information in charts or graphs Locates information in diagrams or illustrations Locates information in maps or timelines Locates details in an advertisement Locates details in informational text Locates information in a set of directions Locates information in charts or graphs Locates information in diagrams or illustrations Locates information in maps or timelines

Compares and contrasts details in multiple informational texts Understands explicit relationships between ideas in informational text

> Locates details in an advertisement Locates details in informational text Locates details in literary nonfiction Locates information in a set of directions Locates information in charts or graphs Locates information in maps or timelines

Compares and contrasts details in multiple informational texts Understands explicit relationships between ideas in informational text

#### Main or Central Idea, Topic, Titles

Determines main idea in informational text Determines the main idea of an informational web page Determines the topic in informational text Determines the topic of a book from its title Identifies a title that reflects main idea in informational text Determines main idea in informational text Determines main idea in literary nonfiction Determines main idea in one paragraph of an informational text Determines the main idea of a subsection in informational text Determines the main idea of an informational web page Determines the topic in informational text Determines the topic of a book from its title Determines two or more topics in informational text Identifies a title that reflects main idea in informational text

Summarizes informational text

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Determines main idea in informational
		text Determines main idea in literary
		nonfiction Determines main idea in
		persuasive text Determines the main idea
		of a subsection in informational text
		Determines the main idea of publicity
		materials or public service
		announcements Determines the topic in
		informational text Determines the topic of
		a book from its title Determines two or
		more main ideas in informational text
		Identifies a title that reflects main idea in
		informational text
	Sequencing	
Determines logical order of ideas or	Determines logical order of ideas or	
events in informational text Understands	events in informational text Understands	
sequence in a set of directions	sequence in a set of directions	
Understands sequence in informational	Understands sequence in informational	
text	text	

Determines logical order of ideas or events in informational text Identifies words that indicate sequence or order in informational text Understands sequence in a set of directions Understands sequence in informational text Understands sequence of events from a time line

#### Summarizing, Paraphrasing

Summarizes informational text Summarizes similarities and/or differences in multiple informational texts

> Summarizes informational text Summarizes similarities and/or differences in multiple informational texts

#### **Supporting Details**

Determines details that support a claim in informational text Determines details that support a prediction or conclusion in informational text Determines details that support a stated idea in informational text Determines details that support a stated idea in literary nonfiction Identifies details that support a claim in advertising Identifies details that support main idea in informational text
Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	·	Determines details that support a claim in
		informational text Determines details that
		support a prediction or conclusion in
		informational text Determines details that
		support a stated idea in informational text
		Determines details that support a stated
		idea in literary nonfiction Determines
		details that support an inference in
		literary nonfiction Identifies details that
		support main idea in informational text
		Analyzes the technique and details an
		author uses to develop an event, concept,
		or characterization in informational text
		1 ,

# INFORMATIONAL TEXT: LANGUAGE, CRAFT, STRUCTURE

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
	Assertions and Claims	
Identifies evidence that supports a statement in informational text Identifies reasons that support a claim in persuasive text	Identifies evidence that supports a statement in informational text Identifies reasons that support a claim in persuasive text	
		Evaluates evidence used to support claims in argumentative text Evaluates evidence used to support claims in informational text Identifies evidence that supports a claim in argumentative text Identifies evidence that supports a statement in informational text Identifies reasons that support a claim in persuasive text
	Author's Craft: Figurative Languag	e
	Interprets metaphor in informational text	
		Interprets metaphor in informational text

#### Author's Craft: Perspective, Attitude

Determines author's assumption about audience Determines author's attitude in informational text Determines author's attitude in persuasive text Determines author's assumption about audience Determines author's attitude in informational text Determines author's attitude in persuasive text Determines the difference in focus of two informational texts on the same topic

> Determines author's assumption about audience Determines author's attitude in a letter Determines author's attitude in informational text Determines author's attitude in persuasive text Determines the difference in focus of two informational texts on the same topic Understands how an author conveys attitude or perspective in informational text

## Author's Craft: Persuasive and Rhetorical Techniques

	Analyzes how word choice or rhetorical
	techniques advance purpose Recognizes
Recognizes assumptions about audience	assumptions about audience in
in advertising	advertising Recognizes author's use of
	specific persuasive or propaganda
	techniques

Analyzes how word choice or rhetorical techniques advance purpose Analyzes language used to convey messages in advertising Analyzes persuasive technique used in a speech Determines general persuasive technique used in advertising Recognizes assumptions about audience in advertising

sample, John, Grade 3, Fall 2017-2018	MAP Growth	September 11, 20
Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Analyzes techniques used by an author to illustrate or emphasize ideas
Au	thor's Craft: Style, Voice, Tone, Mo	ood
		Determines tone in informational text
Ch	aracteristics of Genre: Informatio	nal
Classifies text as informational Understands characteristics of dictionaries Understands characteristics of newspaper writing Understands characteristics of nonfiction Understands purpose of informational and reference materials	Classifies text as informational Understands characteristics of newspaper writing Understands characteristics of nonfiction Understands purpose of informational and reference materials	
		Classifies text as informational Understands characteristics of nonfiction Understands purpose of informational and reference materials
Characte	eristics of Genre: Personal Corres	oondence
Classifies text as a thank-you note		
Characte	ristics of Genre: Persuasive, Argu	mentative
Recognizes assumptions about audience in advertising	Recognizes assumptions about audience in advertising Understands main message or claim in advertising	
		Analyzes language used to convey messages in advertising Analyzes persuasive technique used in a speech Recognizes assumptions about audience in advertising Understands main message or claim in advertising
Ir	nferences, Conclusions, Prediction	S
	Determines intended audience in advertising	
		Determines intended audience in advertising
	Purpose	
Determines specific purpose of a set of directions Determines specific purpose of an advertisement Determines specific purpose of an informational passage Recognizes when the general purpose of a passage is to give directions Recognizes when the general purpose of	Analyzes how word choice or rhetorical techniques advance purpose Determines specific purpose of an advertisement Determines specific purpose of an informational passage Recognizes when the general purpose of a passage is to inform	

Determines specific purpose of a subsection in informational text Understands purpose of informational and reference materials

a passage is to inform

Determines specific purpose of a subsection in informational text Understands purpose of informational and reference materials

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Analyzes how word choice or rhetorical
		techniques advance purpose Determines
		specific purpose of an announcement
		Determines specific purpose of an
		informational passage Recognizes when
		the general purpose of a passage is to
		inform Recognizes when the general
		purpose of a passage is to persuade
		Determines specific purpose of a
		subsection in informational text
		Understands purpose of informational
		and reference materials

#### Sequencing

Recognizes when information is listed in alphabetical order

## Supporting Details Determines details that support a claim in

informational text

Determines details that support a claim in informational text

Determines details that support a claim in informational text

## Text Features, Visuals

Analyzes information in timelines Analyzes information in Venn diagrams or other graphic organizers Determines specific purpose of a graphic Identifies a table of contents Interprets information in charts or graphs Locates information in charts or graphs Locates information in indices or appendices Locates information in tables of contents Understands the purpose of a glossary Understands the purpose of a table of contents Understands the purpose of a title page Analyzes how text features support ideas in the text Analyzes information in maps Analyzes information in schedules Analyzes information in timelines Analyzes information in Venn diagrams or other graphic organizers Determines specific purpose of a graphic Interprets information in charts or graphs Locates information in indices or appendices Locates information in tables of contents Understands the purpose of a glossary Understands the purpose of a table of contents Understands the purpose of an index Understands the purpose of captions Understands the purpose of subheadings Understands the purpose of varied typeface in informational text Understands the purpose of white space

Develop these skills & concepts	Introduce these skills & concepts Analyzes how text features support ideas
	in the text Analyzes information in maps
	Analyzes information in timelines
	Analyzes information in Venn diagrams
	or other graphic organizers Determines
	specific purpose of a graphic Interprets
	information in charts or graphs Locates
	information in indices or appendices
	Locates information in tables of contents
	Understands the purpose of a glossary
	Understands the purpose of a sidebar
	Understands the purpose of a title
	Understands the purpose of headings
	Understands the purpose of subheadings
	Understands the purpose of varied
	typeface in informational text

#### Text Structure: Organization

Determines specific purpose of a subsection in informational text Identifies process as a structure in informational text Determines specific purpose of a subsection in informational text Identifies cause-effect as a structure in informational text Identifies comparecontrast as a structure in informational text Identifies process as a structure in informational text

> Analyzes the use of a chronology structure in informational text Analyzes the use of a compare-contrast structure in informational text Compares and contrasts organizational structure in multiple texts Determines specific purpose of a subsection in informational text Identifies cause-effect as a structure in informational text Identifies comparecontrast as a structure in informational text Identifies process as a structure in informational text

# VOCABULARY: ACQUISITION AND USE

1	1
Develop these skills & concepts	Introduce these skills & concepts
show a comparison	
Identifies words or phrases that show a contrast	
Uses context to determine the meaning of academic words or phrases in informational text	
Uses context to determine the meaning of academic words or phrases in literary text	
Uses context to determine the meaning of domain-specific words or phrases in informational text	
Uses context to determine the meaning of words or phrases that show a compare or contrast relationship	
	Identifies words or phrases that show a contrast
	Uses context to determine the meaning o academic words or phrases in informational text
	Uses context to determine the meaning o academic words or phrases in literary tex
	Uses context to determine the meaning o domain-specific words or phrases in informational text
Base Words, Affixes	
Applies knowledge of affixes to determine the meaning of a word in the 2-5 grade band	
Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 2-5 grade band	
Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 6-8 grade band	
Applies understanding of word meaning to define a compound word	
	Academic and Content Vocabulary Identifies words or phrases in context that show a comparison Identifies words or phrases that show a contrast Uses context to determine the meaning of academic words or phrases in informational text Uses context to determine the meaning of domain-specific words or phrases in informational text Uses context to determine the meaning of words or phrases that show a compare or contrast relationship Base Words, Affixes Applies knowledge of affixes to determine the meaning of a word in the 2-5 grade band Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 2-5 grade band Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 2-5 grade band Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 6-8 grade band Applies understanding of word meaning

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Understands how the prefix im-, in- , or il- changes the meaning of a word	Identifies the meaning of common affixes	
Understands how the prefix un- or re- changes the meaning of a word	Identifies the meaning of common Greek and Latin roots	
Understands how the suffix -able or -ible changes the meaning of a word	Understands how the prefix dis-, mis- or non- changes the meaning of a word	
Understands how the suffix -ion or -tion changes the meaning of a word	Understands how the prefix im-, in- , or il- changes the meaning of a word	
Understands how the suffix -less or -ful changes the meaning of a word	Understands how the prefix un- or re- changes the meaning of a word	
Understands how the suffix -or, -er, or -ist changes the meaning of a noun	Understands how the suffix -able or -ible changes the meaning of a word	
Understands that individual words combine to form compound words	Understands how the suffix -less or -ful changes the meaning of a word	
Understands that the suffix -est creates the superlative	Understands how the suffix -or, -er, or -ist changes the meaning of a noun	
Uses a defined root as a clue to the meaning of a word	Understands that individual words combine to form compound words	
	Understands that the suffix -er creates the comparative	
	Understands that the suffix -est creates the superlative	
	Uses a defined affix as a clue to the meaning of a word	
	Uses a defined root as a clue to the meaning of a word	
	Uses definitions of roots and affixes to determine word meaning	
		Applies knowledge of affixes to determine the meaning of a word in the 2-5 grade band
		Applies knowledge of affixes to determine the meaning of a word in the 6-8 grade band
		Applies knowledge of affixes to determine

Applies knowledge of affixes to determine the meaning of words in the 9-12 grade band

Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 6-8 grade band

Applies knowledge of Greek or Latin roots to determine the meaning of a word in the 9-12 grade band

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
L	·	Identifies the meaning of common affixes
		Identifies the meaning of common Greek and Latin roots
		Understands how the prefix dis-, mis- or non- changes the meaning of a word
		Understands how the prefix un- or re- changes the meaning of a word
		Understands how the suffix -able or -ible changes the meaning of a word
		Understands how the suffix -less or -ful changes the meaning of a word
		Understands how the suffix -or, -er, or -ist changes the meaning of a noun
		Understands that the suffix -er creates the comparative
		Uses a defined affix as a clue to the meaning of a word
		Uses a defined root as a clue to the meaning of a word
		Uses definitions of roots and affixes to determine word meaning
		Uses definitions to determine the meaning of Latin and Greek roots
Context	Clues: Unknown and Multiple-Meani	ng Words
Determines which meaning of a multiple-	Determines which meaning of a multiple-	-
meaning word in the 2-5 grade band fits a	meaning word in the 2-5 grade band fits a	
given context	given context	
Identifies words or phrases that provide	Identifies words or phrases that provide	

Uses context and dictionary, glossary, or thesaurus entries to determine word meaning meaning Uses context to confirm initial Uses context to determine the meaning of a phrase

Uses context to determine the meaning of academic words or phrases in informational text

Uses context to determine the meaning of academic words or phrases in literary text

Uses context to determine the meaning of domain-specific words or phrases in informational text

#### paragraph-level context for a word paragraph-level context for a word

Uses context and dictionary, glossary, or thesaurus entries to determine word

understanding of words or phrases

Uses context to determine the meaning of a phrase

Uses context to determine the meaning of academic words or phrases in informational text

Uses context to determine the meaning of academic words or phrases in literary text

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
Uses context to determine the meaning of words in the 2-5 grade band	Uses context to determine the meaning of domain-specific words or phrases in informational text	
Uses context to determine the meaning of words or phrases that convey a specific action	Uses context to determine the meaning of words in the 2-5 grade band	
Uses context to determine the meaning of words or phrases that convey a specific emotion	Uses context to determine the meaning of words in the 6-8 grade band	
Uses context to determine the meaning of words or phrases that show a spatial relationship	Uses context to determine the meaning of words or phrases that show a compare or contrast relationship	
		Determines which meaning of a multiple- meaning word in the 2-5 grade band fits a given context
		Determines which meaning of a multiple- meaning word in the 6-8 grade band fits a given context
		Determines which meaning of a multiple- meaning word in the 9-12 grade band fits a given context
		Identifies words or phrases that provide paragraph-level context for a word
		Uses a definition to confirm initial understanding of word meaning
		Uses context and dictionary, glossary, or thesaurus entries to determine word meaning
		Uses context to confirm initial understanding of words or phrases
		Uses context to determine the meaning of a phrase
		Uses context to determine the meaning of academic words or phrases in informational text
		Uses context to determine the meaning of academic words or phrases in literary text
		Uses context to determine the meaning of domain-specific words or phrases in informational text
		Uses context to determine the meaning of words in the 2-5 grade band
		Uses context to determine the meaning of words in the 6-8 grade band

Reinforce these skills & concepts	Develop these skills & concepts	Introduce these skills & concepts
		Uses context to determine the meaning of

words in the 9-12 grade band

	Text Features, Visuals	
Locates information in glossaries or dictionaries	Locates information in glossaries or dictionaries	
Uses context and dictionary, glossary, or thesaurus entries to determine word meaning	Uses context and dictionary, glossary, or thesaurus entries to determine word meaning	
		Locates information in glossaries or dictionaries
		Uses a definition to confirm initial understanding of word meaning
		Uses context and dictionary, glossary, or thesaurus entries to determine word meaning
	Word Categorization, Classification	n
Categorizes words	Categorizes words	
Classifies words according to the sense to which they appeal		
	Word Nuances and Shades of Meani	ng
	Analyzes nuances in meaning among related words to determine which fits a given context	
Analyzes nuances in meaning among related words to determine which fits a given context	Analyzes nuances in meaning among related words to determine which fits a given context	
	Understands precise connotations of words with similar meanings	
	Uses context to determine connotation of words	
		Analyzes nuances in meaning among related words to determine which fits a given context
		Understands precise connotations of words with similar meanings
		Uses context to determine connotation of words
	Word Relationships	
Identifies antonyms of given words in the	Identifies antonyms of given words in the	

Identifies antonyms of given words in the 2-5 grade band	Identifies antonyms of given words in the 2-5 grade band
ldentifies as antonyms pairs of words in the 2-5 grade band	Identifies antonyms of given words in the 6-8 grade band

Reinforce these skills & concepts		Introduce these skills & concepts
Identifies as synonyms pairs of words in the 2-5 grade band	Identifies as antonyms pairs of words in the 2-5 grade band	
Identifies synonyms of given words in the 2-5 grade band	Identifies as synonyms pairs of words in the 2-5 grade band	
Identifies words that complete given analogies	ldentifies synonyms of given words in the 2-5 grade band	
Recognizes when words show an item- and-category relationship	ldentifies synonyms of given words in the 6-8 grade band	
Uses context to identify words that are synonyms in the 2-5 grade band	Identifies words that complete given analogies	
	Recognizes when words show an item- and-category relationship	
	Uses context to identify words that are synonyms in the 2-5 grade band	
		ldentifies antonyms of given words in the 2-5 grade band
		ldentifies antonyms of given words in the 6-8 grade band
		ldentifies antonyms of given words in the 9-12 grade band
		ldentifies as antonyms pairs of words in the 2-5 grade band
		ldentifies synonyms of given words in the 2-5 grade band
		ldentifies synonyms of given words in the 6-8 grade band
		Identifies synonyms of given words in the 9-12 grade band
		Identifies words or phrases in context that show a cause-effect relationship
		Identifies words that complete given analogies
		Recognizes when words show an item- and-category relationship
		Uses context to identify words that are synonyms in the 2-5 grade band
		Uses context to identify words that are synonyms in the 6 $ \phi$ 8 grade band
		Uses synonym relationships in context to determine word meanings