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	K	1	2	3	4	5	6
Counting and							
Cardinality (CC)							
Compare numbers	•						
Count by ones	•						
Count by tens	•						
Count objects	•						
Count sets of objects	•						
Find how many in all	•						
Use one-to-one correspondence to count	•						
Write numbers	•						
Number and Operations							
in Base Ten (NBT)							
Addition							
Add decimals						•	•
Add whole numbers		•	•	•	•		
Addition strategies		•	•	•			
Estimate decimal sums						•	
Estimation in 3-digit addition			•				
Properties of addition		•	•	•	•	•	•
Real-word problems						•	
Counting Sequence							
Count backward			•				
Count forward	•	•	•				
Model whole numbers	•	•	•				
Read whole numbers	•	•	•				
Skip count		•	•				
Write whole numbers	•	•	•				
Division							
Divide decimals						•	•
Divide whole numbers			•			•	•
Division strategies			•				
Remainders			•				
Multiplication							
Area and array models					•		
Equations					•	•	•
Multiples of ten				•			

	K	1	2	3	4	5	6
Multiplication strategies					•		
Multiply decimals						•	*
Multiply whole numbers					•	•	
Properties of multiplication					•	•	*
Place Value of Decimals							
Compare and order decimals						•	
Decimal notation						•	
Read decimals						•	
Round decimals					•	•	
Write decimals in different forms						•	
Place Value of Whole Numbers							
Compare whole numbers		•	•	•	•		
Decompose into tens and ones	•	•					
Expanded form				•	•		
Exponents						•	•
Make a ten		•					
Model whole numbers	•	•	•				
Order whole numbers					•		
Place-value models	•	•	•				
Powers of ten						•	•
Subtraction							
Estimate decimal differences						•	
Estimation in 3-digit subtraction			•				
Real-world problems						•	
Subtract decimals						•	
Subtract whole numbers		•	•	•	•		
Subtraction strategies		•	•	•			
Number and Operations—							
Fractions (NF)							
Addition with Fractions							
Add fractions					•	•	
Add mixed numbers					•	•	
Benchmark fractions						•	
Rename fractions and mixed numbers to add					•	•	
Visual fraction models					•	♦	
Word problems					•	•	

	K	1	2	3	4	5	6
Decimal Fractions		,					
Compare decimal fractions					•	•	
Decimal notation					•	•	
Equivalent fractions and decimals					•		
Money and decimals					•		
Place value of decimals					•	•	
Write decimals					•	•	
Division with Fractions							
Divide unit fractions						•	
Fractions as division						•	
Interpret division with fractions						•	
Real-world problems						•	•
Visual fraction models						•	•
Fraction Equivalence							
Common denominators					•	•	
Compare and order fractions				•	•	•	
Equivalent fractions				•	•	•	
Simplest form					•	•	
On the number line				•	•	•	
Use regions				•			
Mulitiplication and Fractions							
Distributive Property						•	
Find area of a rectangle with fractional measurements						•	
Multiples of unit fractions					•	•	
Multiply fractions					•	•	
Multiply mixed numbers					•	•	
Scale and multiplication of fractions						•	
Visual fraction models					•	•	
Word problems					•	•	
Read and Write Fractions							
Fractions				•			
Whole numbers as fractions				•			
Subtraction of Fractions							
Estimate differences						•	
Subtract fractions					•	•	
Subtract mixed numbers					•	•	

	K	1	2	3	4	5	6
Subtraction with renaming					•	•	
Visual fraction models					•	•	
Word problems					•	•	
Understand Fractions							
Part of a group				•			
Part of a partitioned whole				•			
On the number line				•			
Unit fractions				•			
Whole numbers and fractions				•			
Ratios and Proportional							
Relationships (RP)							
Concept of Ratio							
Fractions and ratio							•
Model ratios							•
Notation for ratio							•
Rate language							•
Write ratios							•
Rate and Ratio Reasoning							
Convert measurements							•
Distance, rate, time formula							•
Equivalent ratios							•
Percent							•
Real-world problems							•
Unit rate							•
The Number System (NS)							
Addition and Subtraction							
of Decimals							
Add decimals							•
Subtract decimals							•
Common Factors and Multiples							
Greatest common factor							•
Least common multiple							•
Prime factorization							•
Division with Fractions							
Divide fractions							•
Divide mixed numbers							•

	K	1	2	3	4	5	6
Reciprocal and inverse operations							•
Visual fraction models							•
Division with Whole Numbers							
and Decimals							
Divide decimals							•
Divide whole numbers							•
Multiplication							
Multiply decimals							•
Rational Numbers							
Absolute value							•
Compare and order rational numbers							•
Find distance							•
Graph on the coordinate plane							•
Negative and positive numbers							•
Opposites							•
Plot on the number line							•
Real-world problems							•
Reflection on the axes							•
Operations and Algebraic							
Thinking (OA)							
Addition							
Add whole numbers	•	•	•	•			
Addition strategies		•	•				
Additive comparison					•		
Basic facts		•	•	•			
Decompose numbers	•	•					
Equal symbol	•	•					
Equations		•	•	•	•		
Estimate sums			•	•	•		
Expressions	•						
Inverse of subtraction	•	•	•				
Missing addend	•	•	•				
Model addition	•	•	•				
Multi-step word problems				•	•		
Plus symbol	•	•					
Real-world problems	•	•	•				

	K	1	2	3	4	5	6
Three addends		•	•				
Word problems		•	•	•			
Write number sentences		•	•				
Division							
Basic facts			•	•			
Division strategies			•	•			
Equations			•	•			
Measurement quantities				•			
Model division				•			
Multi-step word problems					•	•	
Relationship with multiplication				•	•		
Remainders					•		
Strategies to divide				•	•		
Understand division				•	•		
Factors and Multiples							
Common factors					•		*
Common multiples					•		•
Divisibility rules					•		
Even and odd numbers					•		
Factors					•	*	
Multiples					•		
Prime numbers					•		
Multiplication							
Arrays			•	*			
Basic facts				•	•		
Equal groups			•	•			
Equations				•	•		
Even and odd numbers			•		•		
Measurement quantities				•			
Model multiplication				•			
Multiplication strategies				•			
Multiplicative comparison					•		
Real-world problems				•	•		
Relationship with division				•			
Strategies to multiply				•			
Understand multiplication			•	•	•		

	K	1	2	3	4	5	6
Number and Shape Patterns							
Even and odd numbers				•	•		
Function tables				•	•	•	
Generate two numerical patterns						•	
Graph two numerical patterns on the coordinate plane						•	
ldentify, generate, explain number patterns				•	•		
Patterns on facts tables				•			
Skip-counting patterns				•			
Write a rule					•	•	
Numerical Expressions							
Evaluate numerical expressions						•	
Interpret numerical expressions						•	
Write numerical expressions						•	
Properties of Operations							
Additive Identity Property		•	•	•	•	•	*
Associative Property of Addition		•	•	•	•	•	*
Associative Property of Multiplication				•	•	•	*
Commutative Property of Addition		•	•	•	•	•	*
Commutative Property of Multiplication				•	•	•	•
Distributive Property				•	•	•	•
Identity Property of Multiplication				•	•	•	•
Zero Property of Multiplication				•	•	•	•
Subtraction							
Basic facts		•	•	•			
Decompose numbers	•	•					
Equal symbol	•	•					
Equations		•	•	•	•		
Estimate differences				•	•		
Expressions	•	•					
Inverse of addition	•	•					
Minus symbol	•	•					
Missing numbers in subtraction	•	•					
Model subtraction	•	•					
Multi-step word problems				•	•		

	K	1	2	3	4	5	6
Real-world problems	•	•	•	•	•		
Subtract whole numbers	•	•	•	•			
Subtract zero		•					
Subtraction strategies		•	•				
Word problems		•	•	•			
Write number sentences		•	•				
Expressions and							
Equations (EE)							
Algebraic Expressions							
Equivalent algebraic expressions							•
Evaluate algebraic expressions							•
Identify parts of expressions							•
Model algebraic expressions							•
Write algebraic expressions							•
Dependent and Independent							
Variables		ı	I	ı	I	ı	
Analyze relationships between variables							•
Express relationships between variables							•
Graph relationships							•
Linear equations							•
Translate between equations and table values							•
Equations							
Linear equations on the coordinate plane							•
Meaning of equality							•
Model equations							•
Solve one-variable equations							•
Symbols showing relations							•
Inequalities							
Graph inequalities with one variable							•
Identify solutions							•
Solutions of inequalities on a number line							•
Solutions of inequalities using substitution							•

	K	1	2	3	4	5	6
Symbols showing relations							•
Write inequalities							•
Numerical Expressions							
Write numerical expressions							•
Evaluate numerical expressions							•
Measurement and Data (MD)							
Measurement							
and Data (MD)							
MEASUREMENT							
Length and Distance							
Benchmarks and relative size					•		
Choose appropriate tool and unit		•	•				
Compare lengths	•	•	•				
Convert units			•			•	
Customary system			•		•		
Estimate length			•		•		
Measure length		•	•				
Measurements on a line plot			•				
Metric system			•		•		
Order lengths		•	•				
Real-world problems	•	•			•		
Subtract lengths			•				
Transitive property		•					
Liquid Volume and Capacity							
Benchmarks and relative size					•		
Convert units						•	
Estimate liquid volume				•	•		
Measure liquid volume				•			
Word problems				•	•	•	
Mass and Weight							
Benchmarks and relative size					•		
Compare weights	•						
Choose the appropriate unit				•			
Convert units						•	
Estimate mass				•	•		
Measure mass				•			

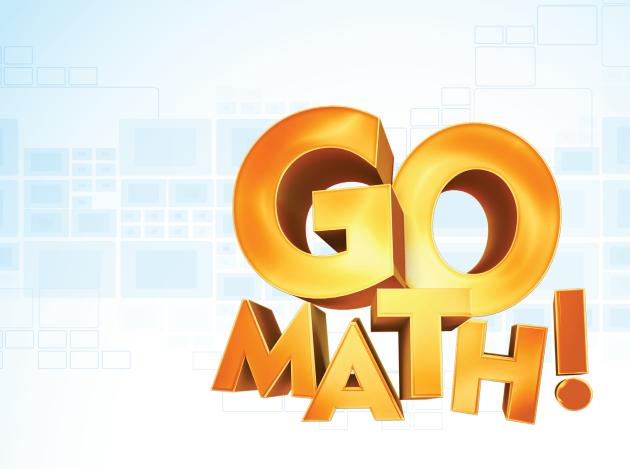
	K	1	2	3	4	5	6
Order weights	•						
Word problems				•	•	•	
Money							
Count coins and bills			•				
Decimal point in money amounts			•				
Decimals and money					•		
Fractions and money					•		
Identify coins and bills			•				
Operations with money					•		
Real-world problems			•		•		
Symbolic notation			•				
Time							
A.M. and P.M.			•	•			
Clocks		•	•	•			
Convert units						•	
Elapsed time					•	•	
Equivalent units			•				
Fractions and time					•		
Real-world problems		•	•	•	•	•	
Tell time		•	•	•			
Units of time			•		•		
DATA							
Classify and count objects	•						
Interpret Data							
Bar graph		•	•	•			
Compare data				•	•	•	•
Draw conclusions			•	•	•		
Frequency table				•	•	•	•
Line plot			•	•	•	•	•
Measurement data on a line plot			•	•	•	•	
Picture graph		•	•	•			
Real-world problems		•	•	•	•	•	•
Tally chart		•	•	•			
Represent Data							
Bar graph		•	•	•			
Frequency table				•	•	•	•

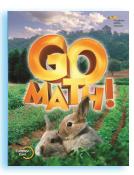
	K	1	2	3	4	5	6
Line plot			•	•	•	•	
Measurement data on a line plot			•	•	•	•	
Picture graph		•	•	•			
Tally chart		•	•	•			
GEOMETRIC MEASUREMENT							
Angles							
Concept of angle					•		
Related to circles					•		
Measure angles with a protractor					•		
Measure angles using an equation					•		
Sketch angles					•		
Area							
Concept of area				•			
Find area of a complex figure				•	•		
Find area of a rectangle				•	•		
Formula for area					•		
Real-world problems				•	•		
Relate area to multiplication and division				•			
Relate area to perimeter				•			
Units of area					•		
Perimeter							
Compare area and perimeter				•			
Find perimeter of a polygon				•			
Find perimeter of a rectangle				•	•		
Formula for perimeter					•		
Linear and area measures				•			
Real-world problems				•	•		
Relate area to perimeter				•			
Volume							
Attribute in solid figures						•	
Compare volumes						•	
Estimate volume						•	
Measure volume						•	
Real-world problems						•	
Volume as additive						•	

	K	1	2	3	4	5	6
Geometry (G)							
Area							
Changing dimensions and area							•
Draw polygons on the coordinate plane							•
Find area of a composite figure							•
Find area of a parallelogram							•
Find area of a polygon							•
Find area of a trapezoid							•
Find area of a triangle							•
Formulas for area							•
Real-world problems							•
Coordinate Plane							
Define a coordinate system						•	
Graph in the first quadrant						•	
Ordered pairs						•	
Real-world problems						•	
Surface Area							
Find surface area of a cube							•
Find surface area of a prism							•
Find surface area of a pyramid							•
Nets							•
Real-world problems							•
Three-dimensional Shapes							
Attributes of three-dimensional shapes	•	•	•				
Classify shapes		•					
Compose and decompose shapes	•	•	•				
Identify and describe shapes	•	•	•				
Identify shapes in the environment	•						
Make and draw shapes		•	•				
Sort shapes	•	•	•				
Two-dimensional Shapes							
Angles				•	•	•	
Attributes of two-dimensional shapes	•	•	•	•			
Classify angles					•		

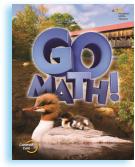
	K	1	2	3	4	5	6
Classify polygons						•	
Classify quadrilaterals					•	•	
Classify shapes		•	•	•			
Classify triangles by angles					•	•	
Classify triangles by sides					•		
Compose and decompose shapes	•	•	•	•			
Congruency						•	
Equal parts			•				
Identify and describe shapes	•	•	•	•			
Identify shapes in the environment	•						
Line symmetry					•	•	
Lines					•	•	
Model and draw shapes	•	•	•	•			
Partition shapes		•	•	•			
Real-world problems						•	
Sort shapes	•	•	•				
Triangles				•	•		
Volume							
Formula for volume							•
Fractional side lengths and volume							•
Real-world problems							•
Rectangular prism							•
Use cubes to find volume							•
Statistics and Probability (SP)							
Display Data							
Box plot							•
Dot plot							•
Frequency table							•
Histogram							•
Statistical Questions							
Describe data collections							•
Distribution of data							•
Measure of center							•
Measure of variation							•
Recognize statistical questions							•

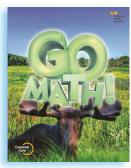
	K	1	2	3	4	5	6
Summarize Data							
Box plot							•
Describe data collections							•
Describe distributions							•
Dot plot							•
Effects of outliers							•
Frequency table							•
Histogram							•
Interpret data displays							•
Mean as fair share and balance point							•
Measures of central tendency							•
Measures of variability							•

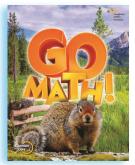


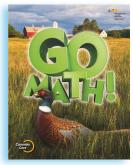


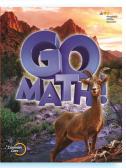














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