Scope and Sequence for MODERN CURRICULUM PRESS MATHEMATICS

Scope and Sequence

	K	1	2	3	4	5	6
READINESS							
Attributes	■						
Shapes	■	■					
Colors	■	■	■				
NUMERATION							
On-to-one correspondence	■						
Understanding numbers	■	■	■				
Writing numbers	■	■					
Counting objects	■	■	■				
Sequencing numbers	■	■	■	■	■		
Numbers before and after	■	■	■	■	■		
Ordering numbers			■	■	■	■	■
Comparing numbers	■	■	■	■	■	■	■
Grouping numbers	■	■	■	■	■		
Ordinal numbers	■	■	■	■			
Number words		■	■	■	■	■	■
Expanded numbers		■	■	■	■	■	■
Place value		■	■	■	■	■	■
Skip-counting		■	■	■	■	■	
Roman numerals			■	■	■		
Rounding numbers				■	■	■	■
Squares and square roots				■			

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Scope and Sequence

	K	1	2	3	4	5	6
Primes and composites				■	■	■	■
Multiples					■	■	■
Least common multiples						■	■
Greatest common factors						■	■
Exponents							■
ADDITION							
Addition facts	■	■	■	■	■	■	■
Fact families		■	■	■	■	■	
Missing addends	■	■	■	■	■		
Adding money	■	■	■	■	■	■	■
Column addition		■	■	■	■	■	■
Two-digit addends		■	■	■	■	■	
Multidigit addends			■	■	■	■	■
Addition with trading		■	■	■	■	■	■
Basic properties of addition				■	■	■	■
Estimating sums				■	■	■	■
Addition of fractions				■	■	■	■
Addition of mixed numbers				■	■	■	■
Addition of decimals				■	■	■	■
Rule of order				■	■	■	■
Addition of customary measures						■	■

Scope and Sequence for MODERN CURRICULUM PRESS MATHEMATICS

Scope and Sequence

	K	1	2	3	4	5	6
Addition of integers							■
SUBTRACTION							
Subtraction facts	■	■	■	■	■	■	■
Fact families		■	■	■	■	■	
Missing subtrahends		■	■				
Subtracting money	■	■	■	■	■	■	■
Two-digit numbers		■	■	■	■	■	
Multidigit numbers			■	■	■	■	■
Subtraction with trading		■	■	■	■	■	■
Zeros in the minuend				■	■	■	■
Basic properties of subtraction				■	■	■	■
Estimating differences				■	■	■	■
Subtraction of fractions				■	■	■	■
Subtraction of mixed numbers						■	■
Subtraction of decimals				■	■	■	■
Rule of order				■	■	■	■
Subtraction of customary measures						■	■
Subtraction of integers							■
MULTIPLICATION							
Multiplication facts			■	■	■	■	■
Fact families			■	■	■		

Scope and Sequence

	K	1	2	3	4	5	6
Missing factors					■		
Multiplying money			■	■	■	■	■
Multiplication by powers of ten				■	■	■	■
Multidigit factors				■	■	■	■
Multiplication with trading				■	■	■	■
Basic properties of multiplication			■	■	■	■	■
Estimating products				■	■	■	■
Rule of order				■	■	■	■
Multiples					■	■	■
Least common multiples						■	■
Multiplication of fractions						■	■
Factorization						■	■
Multiplication of mixed numbers							■
Multiplication of decimals					■	■	■
Exponents							■
Multiplication of integers							■
DIVISION							
Division facts				■	■	■	■
Fact families				■	■		
Divisibility rules				■		■	■
Two-digit quotients				■	■	■	■

Scope and Sequence

	K	1	2	3	4	5	6
Remainders				■	■	■	■
Multidigit quotients					■	■	■
Zeros in quotients					■	■	■
Division by multiples of ten					■	■	■
Two-digit divisors					■	■	■
Properties of division					■	■	
Averages				■	■	■	■
Greatest common factors						■	■
Division of fractions						■	■
Division of mixed numbers						■	■
Division of decimals						■	■
Division by powers of ten						■	■
MONEY							
Counting pennies	■	■	■	■	■		
Counting nickels	■	■	■	■	■		
Counting dimes	■	■	■	■	■		
Counting quarters		■	■	■	■		
Counting half-dollars			■	■	■		
Counting dollar bills		■	■	■	■		
Writing dollar and cents signs		■	■	■	■	■	■
Matching money with prices	■	■	■				

Scope and Sequence

	K	1	2	3	4	5	6
Determining amount of change	■	■	■				
Determining sufficient amount		■	■				
Determining which coins to use		■	■				
Addition	■	■	■	■	■	■	■
Subtraction	■	■	■	■	■	■	■
Multiplication			■	■	■	■	■
Division					■	■	■
Rounding amounts of money				■	■	■	■
Finding fractions of amounts					■	■	■
Buying from a menu or ad			■	■	■	■	■
FRACTIONS							
Understanding equal parts	■	■	■	■			
One half	■	■	■	■			
One fourth	■	■	■	■			
One third	■	■	■	■			
Identifying fractional parts of figures			■	■	■	■	■
Identifying fractional parts of sets			■	■	■	■	■
Finding unit fractions of numbers				■	■	■	
Equivalent fractions				■	■	■	■
Comparing fractions				■	■	■	■
Simplifying fractions					■	■	■

Scope and Sequence

	K	1	2	3	4	5	6
Renaming mixed numbers					■	■	■
Addition of fractions				■	■	■	■
Subtraction of fractions				■	■	■	■
Addition of mixed numbers					■	■	■
Subtraction of mixed numbers						■	■
Multiplication of fractions						■	■
Factorization						■	■
Multiplication of mixed numbers						■	■
Division of fractions						■	■
Division of mixed numbers						■	■
Renaming fractions as decimals							■
Renaming fractions as percents							■
DECIMALS							
Place value				■	■	■	■
Reading decimals				■	■	■	■
Writing decimals				■	■	■	■
Converting fractions to decimals				■	■	■	■
Writing parts of sets as decimals				■	■	■	
Comparing decimals				■	■	■	■
Ordering decimals							■
Addition of decimals				■	■	■	■

Scope and Sequence	K	1	2	3	4	5	6
Subtraction of decimals				■	■	■	■
Rounding decimals				■		■	■
Multiplication of decimals					■	■	■
Division of decimals						■	■
Renaming decimals as percents							■
GEOMETRY							
Polygons	■	■	■	■	■	■	■
Sides and corners of polygons			■	■	■		
Lines and line segments					■	■	■
Rays and angles					■	■	■
Measuring angles						■	■
Symmetry			■			■	■
Congruency				■	■	■	■
Similar figures					■	■	■
Circles						■	■
MEASUREMENT							
Non-standard units of measure	■	■					
Customary units of measure		■	■	■	■	■	■
Metric units of measure	■	■	■	■	■	■	■
Renaming customary measures					■	■	■
Renaming metric measures					■	■	■

Scope and Sequence

	K	1	2	3	4	5	6
Selecting appropriate units			■	■	■	■	
Estimating measures		■	■	■	■	■	
Perimeter by counting	■	■	■				
Perimeter by formula			■	■	■	■	■
Area of polygons by counting			■	■			
Area of polygons by formula					■	■	■
Volume by counting				■			
Volume by formula					■	■	■
Addition of measures						■	■
Subtraction of measures						■	■
Circumference of circles							■
Area of circles							■
Surface area of space figures							■
Estimating temperatures				■			
Reading temperature scales			■	■			
TIME							
Ordering events	■						
Relative time	■						
Matching values	■	■	■	■	■		
Calendars	■	■	■	■			
Days of the week	■	■	■	■			

Scope and Sequence

	K	1	2	3	4	5	6
Months of the year	■	■	■	■			
Telling time to the hour	■	■	■	■			
Telling time to the half-hour		■	■	■			
Telling time to the five-minutes			■	■	■		
Telling time to the minute			■	■	■		
Understanding AM and PM					■		
Time zones					■		
GRAPHING							
Tables		■	■	■	■	■	■
Bar graphs	■	■	■	■	■	■	■
Picture graphs			■	■	■		■
Line graphs					■	■	■
Circle graphs						■	■
Tree diagrams						■	
Histograms							■
Ordered pairs				■	■	■	■
PROBABILITY							
Understanding probability					■	■	■
Listing outcomes					■	■	■
Means and medians						■	
Circle graphs						■	■

Scope and Sequence

	K	1	2	3	4	5	6
Tree diagrams						■	■
Histograms							■
RATIOS AND PERCENTS							
Understanding ratios					■	■	■
Equal ratios						■	■
Proportions							■
Scale drawings						■	■
Ratios as percents						■	■
Percents as fractions						■	■
Fractions as percents						■	■
Finding the percents of numbers						■	■
INTEGERS							
Understanding integers							■
Addition of integers							■
Subtraction of integers							■
Multiplication of integers							■
Graphing integers on coordinate planes							■
PROBLEM SOLVING							
Creating an algorithm from a word problem		■	■	■	■	■	■
Selecting the correct operation		■	■	■	■	■	■
Using data			■	■	■	■	■

Scope and Sequence

	K	1	2	3	4	5	6
Reading a chart			■	■	■	■	■
Using a four-step plan				■	■	■	■
Drawing a picture				■	■	■	■
Acting it out				■	■	■	■
Making a list				■	■	■	■
Making a tally				■	■	■	
Making a table				■	■	■	■
Making a graph				■	■	■	
Guessing and checking					■	■	■
Looking for a pattern					■	■	■
Making a model					■		
Restating the problem					■	■	■
Selecting notation					■	■	■
Writing an open sentence					■	■	■
Using a formula					■	■	■
Identifying a subgoal						■	■
Working backwards						■	■
Determining missing data						■	■
Collecting data						■	■
Solving a simpler but related problem						■	■
Making a flow chart							■

Scope and Sequence

	K	1	2	3	4	5	6
CALCULATORS							
Calculator codes				■	■	■	■
Equal key				■	■	■	■
Operation keys				■	■	■	■
Square root key				■			
Clear key				■	■	■	■
Clear entry key				■	■	■	■
Money				■	■	■	■
Unit prices				■	■	■	
Fractions				■	■		
Percents					■		
Banking				■	■	■	
Inventories					■		
Averages					■		
Rates						■	■
Formulas						■	■
Cross multiplication							■
Functions							■
Binary numbers							■
Repeating decimals							■
Statistics							■