## Scope and Sequence

## Unit

## Objectives

Unit 1
Numbers to 10

- read, write, and compare numbers to 10
- represent the numbers from 0 to 10 with counters on the ten-frame, tallies, coins, and paper bills
- recognize the numbers from 6 to 10 as combinations of " 5 and some more"
- split quantities into parts (for example, split a group of 5 into 2 and 3 )
- join parts to find a total (for example, join 4 and 3 to make 7 )

Unit 2 - write addition equations with the + and $=$ signs
Addition to 10

- find answers to addition facts with sums up to 10
- identify missing addends in equations with a sum of 10 (for example, 7 + $\qquad$ $=10$ )
- solve simple addition word problems

Unit 3

- identify, describe, and categorize circles, triangles, rectangles, and squares
- divide shapes into halves and fourths
- find lines of symmetry in shapes
- recognize pairs of congruent shapes

Unit 4

- write subtraction equations with the - and = signs

Subtraction to 10

- use related addition facts to solve subtraction problems
- write addition and subtraction fact families
- find answers to subtraction facts in which both numbers are 10 or less
- solve simple subtraction word problems

Unit 5
Numbers to 20

- read, write, and compare numbers to 20
- understand numbers from 11 to 20 as combinations of "ten and some more"
- identify even and odd numbers to 20
- identify combinations that make 20 (for example, 13 and 7)
- create and interpret simple tally charts and bar graphs


## Objectives

Unit 6
Numbers to 100

- read, write, and compare numbers to 100
- understand place value in two-digit numbers
- add 1 or 10 to two-digit numbers
- add and subtract multiples of 10 (for example, $30+40$ or $50-20$ )

Unit 7
Length

- compare lengths directly, indirectly, and with units
- know the approximate length of an inch and a foot (or a centimeter and a meter)
- estimate lengths in inches and feet (or centimeters and meters)
- use a ruler to measure in inches and feet (or centimeters and meters)

| Unit 8 | - solve addition facts up to $10+10$ |
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| Addition Facts to 20 | - solve addition word problems with numbers up to $10+10$ |

Unit 9

- identify the date and day of the week on a monthly calendar

Time and Money

- tell time to the hour and half hour on a clock with hands
- know common time equivalents
- count combinations of ten-dollar, five-dollar, and one-dollar bills
- count combination of dimes, nickels, and pennies
- count quarters by 25 s
- solve word problems involving money


## Unit 10

- solve subtraction facts up to 18-9

Subtraction Facts
in the Teens

- use the relationship between addition and subtraction to solve subtraction problems
- solve subtraction word problems, including take-away, take-apart, and comparison problems

Unit 11

- add a one-digit number to a two-digit number

Mental Math with
Two-Digit Numbers

- add a multiple of 10 to a two-digit number
- find missing addends in problems with a multiple of 10 for a sum (like 38 + $\qquad$ = 40)
- subtract a one-digit number from a multiple of 10
- subtract a multiple of 10 from a two-digit number

