

## 1st Grade

### Number and Operations in Base Ten

- A. Extend the counting sequence.
  - a. Count to 120 at any number starting less than 120
- B. Understand place value.
  - a. Understand that the two digits of a two-digit number represent amounts of tens and ones.
- C. Use place value understanding and properties of operations to add and subtract.
  - a. Add within 100, including a two digit number and a one digit number
  - b. Given a number, mentally find 10 more or 10 less
  - c. Subtract multiples of 10

### Operations & Algebraic Thinking

- D. Represent and solve problems involving addition and subtraction.
  - a. Use addition and subtraction within 20 to solve word problems
- E. Add and subtract within 20.
  - a. Relate counting to addition and subtraction
- F. Work with addition and subtraction equations.

## 2nd Grade

### Number and Operations in Base Ten

- A. Understand place value.
  - a. Understand that the three digits of a three-digit number represent amounts
- B. Use place value understanding and properties of operations to add and subtract.of hundreds, tens, and ones
  - a. Fluently add and subtract within 100
  - b. Add up to four two-digit numbers using strategies based on place value and properties of operations
  - c. Mentally add or subtract 10 or 100 to a given number

### Operations & Algebraic Thinking

- C. Represent and solve problems involving addition and subtraction
  - a. Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions
- D. Add and subtract within 20.

### Measurement & Data

- E. Work with time and money.**
  - a. Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ symbols appropriately.

## 3rd Grade

### Number and Operations in Base Ten

- A. Use place value understanding and properties of operations to perform multi-digit arithmetic. A range of algorithms may be used.

- a. Use place value understanding to round whole numbers to the nearest 10 or 100
- b. Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction

#### Operations & Algebraic Thinking

- B. Represent and solve problems involving multiplication and division.
- C. Multiply and Divide within 100

#### 4th Grade

##### Number & Operations—Fractions

- A. Use decimal notation for fractions, and compare decimal fractions.

##### Operations & Algebraic Thinking

- B. Use the four operations with whole numbers to solve problems.

#### 5th Grade

##### Number & Operations in Base Ten

- A. Perform operations with multi-digit whole numbers and with decimals to hundredths

##### Operations & Algebraic Thinking

- B. Analyze patterns and relationships.