

## **Grade 4 CCSS Skills**

### **Operations and Algebraic Thinking**

- \_\_\_\_\_ Use four operations with whole numbers to solve problems
- \_\_\_\_\_ Solve multistep word problems using equations with a letter to represent an unknown quantity
- \_\_\_\_\_ Learn about factors and multiples in the range of 1-100

Example: Factors of 24: 1, 2, 3, 4, 6, 8, 12

Multiples of 4: 4, 8, 12, 16, 20

- \_\_\_\_\_ Make and describe patterns with objects and numbers

### **Number and Operations in Base Ten**

- \_\_\_\_\_ In place value recognize a digit in one place is ten times the value of the place to the right
- \_\_\_\_\_ Read and write multi-digit whole numbers, number names, and expanded form
- \_\_\_\_\_ Compare two multi-digit whole numbers using  $<$ ,  $>$ , or  $=$
- \_\_\_\_\_ Fluently add and subtract multi-digit numbers
- \_\_\_\_\_ Multiply up to four digit numbers by one digit and two two-digit numbers
- \_\_\_\_\_ Solve problems involving using multiplication by two-digit numbers
- \_\_\_\_\_ Divide multi-digit numbers by one-digit divisor
- \_\_\_\_\_ Round multi-digit numbers to any place
- \_\_\_\_\_ Use properties of operations

### **Number and Operations – Fractions** (denominators: 2, 3, 4, 5, 6, 8, 10, 12, 100)

- \_\_\_\_\_ Build understanding of equivalent fractions and ordering fractions
- \_\_\_\_\_ Compare two fractions with different numerators and different denominators  
by making common denominators
- \_\_\_\_\_ Add and subtract fractions and mixed numbers with like denominators
- \_\_\_\_\_ Multiply fractions by a whole number
- \_\_\_\_\_ Understand the decimal notation for fractions
- \_\_\_\_\_ Compare decimals to hundredths

### **Measurement and Data**

- \_\_\_\_\_ Know relative size of measurement units (km, m, cm, kg, g, b, oz)
- \_\_\_\_\_ Solve problems using measurement conversions
- \_\_\_\_\_ Apply area and perimeter formulas for rectangles
- \_\_\_\_\_ Organize and explain data using a line plot

### **Geometry**

- \_\_\_\_\_ Understand and measure angles
- \_\_\_\_\_ Draw and identify lines and angles
- \_\_\_\_\_ Describe and sort two dimensional figures by their lines and angles
- \_\_\_\_\_ Recognize lines of symmetry