



## **Fourth-Grade-Accelerated Learning Outcomes Third Grading Period**

*This document highlights the focus standards for each grading period. Teachers may choose to review previously taught standards as well.*

### **Mathematics**

#### **Computation and Estimation**

- Demonstrate fluency with multiplication facts through 12x12 and the corresponding division facts (ongoing)
- Determine the common multiples and factors, including the least common multiple and the greatest common factor
- Add and subtract fractions and mixed numbers having like and unlike denominators
- Solve single-step practical problems involving addition and subtraction with fractions and mixed numbers
- Solve single-step practical problems involving multiplication of a whole number, limited to 12 or less, and a proper fraction with models

#### **Measurement and Geometry**

- Solve practical problems that involve determining perimeter and area in U.S. Customary and metric units
- Solve practical problems that involve perimeter, area, and volume in standard units of measure
- Differentiate among perimeter, area, and volume and identify whether the application of the concept of perimeter, area, or volume is appropriate for a given situation
- Solve practical problems related to elapsed time in hours and minutes within a 24-hour period

#### **Patterns, Functions and Algebra**

- Identify, describe, create and extend patterns found in objects, pictures, numbers and tables
- Identify, describe, create express, and extend number patterns found in objects, pictures, numbers and tables
- Recognize and demonstrate the meaning of equality in an equation
- Solve practical problems that involve identifying, describing and extending input and output rules (with fractions)
- Analyze and complete a function table and identify the rule (with fractions and decimals)
- Describe, extend, and create numerical patterns with fractions and decimals