



## **Fourth-Grade Accelerated Math Learning Outcomes Second Grading Period**

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

### **Mathematics**

#### **Number and Number Sense**

- Compare and order fractions and mixed numbers with and without models
- Represent equivalent fractions
- Identify the division statement that represents a given fraction
- Read, write, represent, and identify decimals expressed through thousandths
- Round decimals to the nearest whole number, tenth and hundredth
- Compare and order decimals
- Write the decimal and fraction equivalents when given a model
- Read, write, represent, and identify decimals expressed through thousandths

#### **Computation and Estimation**

- Estimate and find sums and differences of whole numbers
- Create and solve single step and multi-step addition and subtraction problems with whole numbers
- Estimate and find sums and differences of decimal numbers
- Create and solve single step and multi-step addition and subtraction problems with decimals
- Use strategies to fluently find products and quotients for basic multiplication and division facts (ongoing)

#### **Measurement and Geometry**

- Measure right, acute, and obtuse angles and straight angles
- Identify and describe points, lines, line segments, rays and angles, including endpoints and vertices
- Identify and describe intersecting, parallel and perpendicular lines
- Identify, describe, compare, and contrast plane and solid figures according to their characteristics (number of angles, vertices, edges, and the number and shape of faces) using concrete models and pictorial representations
- Classify quadrilaterals as parallelograms, rectangles, squares, rhombi, and/or trapezoids
- Investigate congruence of plane figures after geometric transformations (reflection, translation and rotation)
- Recognize the images of figures resulting from geometric transformations (reflection, translation and rotation)

- Classify and measure angles as right, acute, obtuse, or straight
- Classify triangles as right, acute, obtuse, equilateral, scalene or isosceles
- Investigate and describe the results of combining and subdividing polygons
- Solve practical problems related to elapsed time in hours and minutes within a 24-hour period