**Grade 5**

**Third Trimester Math Goals (Units 8, 9. & 10)**

**Secure**

* Convert among fractions, decimals, and percents. (unit 8)
* Convert between fractions and mixed or whole numbers. (unit 8)
* Find common denominators. (unit 8)
* Understand the concept of area of a figure. (unit 9)
* Use a formula to find the area of rectangles. (unit 9)

**Developing/Secure**

* Use an algorithm to add mixed numbers. (unit 8)
* Order and compare fractions. (unit 8)
* Plot ordered pairs on a one-quadrant coordinate grid. (unit 9)
* Identify the base and height of triangles and parallelograms. (unit 9)
* Use a formula to find the area of triangles and parallelograms. (unit 9)
* Solve one-step pan-balance problems. (unit 10)
* Interpret mystery line plots and graphs. (unit 10)

**Developing**

* Use an algorithm to multiply fractions. (unit 8)
* Use an algorithm to subtract mixed numbers with like denominators. (unit 8)
* Find a percent of a number. (unit 8)
* Plot ordered pairs on a four-quadrant coordinate grid. (unit 9)
* Understand the concept of volume of a figure. (unit 9)
* Use a formula to find the volume of prisms. (unit 9)
* Write algebraic expressions to describe situations. (unit 10)
* Represent rate problems as formulas, graphs, and tables. (unit 10)
* Use formulas to find circumference and area of a circle. (unit 10)
* Distinguish between circumference and area of circle problems. (unit 10)

**Beginning/Developing**

**Beginning**

* Use an algorithm to multiply mixed numbers. (unit 8)
* Solve two-step pan-balance problems. (unit 10)