**Grade 5**

**First Trimester Math Goals (Units 1, 2, 3, & 4)**

**Secure**

* Draw arrays to model multiplication. (unit 1)
* Know multiplication facts. (unit 1)
* Identify even and odd numbers. (unit 1)
* Find the factors of numbers. (unit 1)
* Find the sum and difference of multidigit whole numbers and decimals. (unit 2)
* Identify the maximum, minimum, median, mode, and mean for a data set. (unit 2)
* Identify place value in numbers to billions. (unit 3)
* Know properties of polygons. (unit 3)
* Define and create tessellations. (unit 3)
* Know place value to hundredths. (unit 4)

**Developing/Secure**

* Use a divisibility test to determine if a number is divisible by another number. (unit 1)
* Identify prime and composite numbers. (unit 1)
* Understand how square numbers and their square roots are related. (unit 1)
* Make magnitude estimates. (unit 2)
* Find the product of multidigit whole numbers and decimals. (unit 2)
* Know place value to billions. (unit 2)
* Estimate the measure of an angle. (unit 3)
* Measure an angle to within 2˚. (unit 3)
* Identify types of angles. (unit 3)
* Identify types of triangles. (unit 3)

**Developing**

* Round numbers to designated places. (unit 2)
* Determine angle measures based on relationships between angles. (unit 3)
* Find the quotient and remainder of a whole number divided by a 1-digit whole number. (unit 4)
* Find the quotient and remainder of a whole number divided by a 2-digit whole number. (unit 4)
* Make magnitude estimates for quotients of whole and decimal numbers divided by whole numbers. (unit 4)
* Interpret the remainder in division number stories. (unit 4)
* Determine the value of a variable; use this value to complete a number sentence. (unit 4)

**Beginning/Developing**

* Rename numbers written in exponential notation. (unit 1)
* Write and solve number sentences with variables for division number stories. (unit 4)

**Beginning**

* Find the prime factorizations of numbers. (unit 1)
* Write and solve open sentences for number stories. (unit 2)
* Divide decimal numbers by whole numbers with no remainders. (unit 4)