**Math Standards Pinpointed by each Grade Level for November 4th Staff Meeting**

**Kindergarten:**

K.CC1: Count orally 1-100

K.CC3: Number Writing

K.CC4: Identify and use whole numbers up to 20

**First Grade:**

1.OA.1: Represent and solve problems involving addition and subtraction

* Use addition and subtraction within 20 to solve word problems.

1.OA.5: Add and subtract within 20

* Relate counting to addition and subtraction

1.OA.6: Add and subtract within 20

**Second Grade:**

2.OA.2: Fluently add and subtract within 20 using mental strategies

**Third Grade:**

3.OA.8.d: Solve problems involving the four operations and identify and explain patterns in arithmetic.

3.MD.7: Relate area to the operations of multiplication and addition

3.NF2.a: Develop understanding of fractions as numbers

* Represent a fraction 1/b on a number line diagram by defining the interval from 0-1 as the whole and portioning it into b equal parts. Recognize that each part has size 1/b and that the endpoint of the part based at 0 locates the number 1/b on the number line.

**Fourth Grade:**

4.NBT.5: Use place value understanding and properties of operations to perform multi-digit arithmetic.

* Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

4.OA.1: Use the four operations with whole numbers to solve problems.

1. Interpret a multiplication equation as a comparison, e.g., interpret 35 = 5 × 7 as a statement that 35 is 5 times as

many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.