



# Eastern Greene Elementary

## 4<sup>th</sup> Grade

### “I Can” Math Statements

#### Number Sense

- I can read and write numbers up to 1,000,000. (Standard Form, Expanded Form, in Words, and Models – pictures and blocks/cubes)
- I can compare two numbers up to 1,000,000. ( $>$ ,  $<$ , and  $=$ )
- I can write fractions that are equivalent to whole numbers.
- I can write mixed and improper fractions.  $3\frac{1}{2} = \frac{7}{2}$
- I can show fractions using objects and pictures.
- I can show equivalent fractions and simplify fractions.  $\frac{1}{4} = \frac{25}{100}$ ,  $\frac{4}{16} = \frac{1}{4}$
- I can compare fractions with different numerators and denominators.
- I can change fractions to decimals. (halves, fourths, tenths and hundredths)
- I can compare decimals to hundredths.
- I can explain factor pairs to 100.
- I can round and use place value to 1,000,000.

#### Computation

- I can add and subtract multiple digit numbers.
- I can multiply up to 4 digits by 1 or 2 digits.
- I can divide up to a 4 digit dividend by a 1 digit divisor.
- I can fluently multiply up to a product of 100.
- I can add and subtract fractions and mixed numbers with common denominators.
- I can use the commutative, associative, and distributive properties of multiplication.

#### Algebraic Thinking

- I can solve problems using drawings and symbols.
- I can explain the relationship between addition and multiplication, subtraction and division, and multiplication and division.
- I can use my addition, subtraction, multiplication, and division skills to solve real world story problems.
- I can solve equations and patterns with variables.

## **Geometry**

- I can identify, describe, and draw quadrilaterals.
- I can identify and draw lines of symmetry.
- I can recognize that angles and shapes are formed by rays.
- I can identify, describe, and draw rays, angles, and perpendicular and parallel lines.
- I can classify triangles and quadrilaterals based on lines and angles.

## **Measurement**

- I can measure length to the nearest quarter-inch, eighth-inch, and millimeter.
- I can choose the correct unit of measurement in length, weight, and time.
- I can use addition, subtraction, multiplication, and division to solve distance, time, volume, mass, and money problems.
- I can find the perimeter and area of shapes.
- I can find the length of missing sides when given perimeter or area.
- I can understand that an angle is measured in reference to a circle.
- I can measure angles with a protractor.

## **Data Analysis**

- I can create tables and graphs using data.
- I can create questions and answer questions about graphed data.
- I can make a line plot to show data.
- I can read and answer questions about a circle graph.