**Prairie Hill Common Standards: Math**

**Operations and Algebraic Thinking:**

* **Math Fluency**

**K (K.CC.1—will move to OA section):** count fluently by 1s and 10s to 100

**1 (1.OA.6):** addition and subtraction timed tests

**2 (2.OA.2):** addition and subtraction timed tests

**3 (3.OA.7):** addition and subtraction timed tests; multiplication and division timed tests

**4:** addition and subtraction timed tests; multiplication and division timed tests

5 (5.NBT.5): fluently multiply multi-digit whole numbers

* **Word Problems**

**K (K.OA.2):** Solve addition and subtraction word problems within 10.

**1 (1.OA.1):** Solve addition and subtraction word problems within 20.

**2 (2.OA.1):** Solve addition and subtraction word problems within 100.

**3 (3.OA.3):** Solve multiplication and division word problems within 100.

**4 (4.OA.2/3):** Solve multi-step word problems using the four operations.

5 (5.NF.2): Solve word problems involving addition/subtraction of fractions.

**Number and Operations in Base Ten:**

* **Place Value**

**K (K.NBT.1):** Work with numbers 11-19 to gain foundations for place value.

**1 (1.NBT.2):** Understand place value (2 digits).

**2 (2.NBT.4):** Understand place value (3 digits).

**3 (3.NBT.1):** Use place value understanding to round to the nearest 10 or 100.

**4 (4.NBT.3):** Use place value understanding to round to any place.

5 (5.NBT.1, 2, 3, and 4): Use place value understanding for decimals.

**Number and Operations—Fractions:**

* **1 (1.G.3):** Partition shapes using appropriate words (e.g. halves, fourths, quarters).
* **2 (2.G.2 and 2.G.3):** Partition shapes using appropriate words (e.g. thirds).
* **3 (3.NF.1 and 3.NF.3d):** Partition shapes to understand fractions as numbers.
* **4 (4.NF.1 and 4.NF.2):** Extend understanding of fractions (equivalence/comparisons).
* 5 (5.NF.3, 4, 5, 6, and 7): Apply and extend previous understanding of multiplication and division to multiply and divide fractions.

**Measurement and Data:**

* **Telling Time**

**1 (1.MD.3):** Tell and write time in hours and half-hours.

**2 (2.MD.7):** Tell and write time to the nearest five minutes, using a.m. and p.m.

**3 (3.MD.1):** Tell and write time to the nearest minute; solves time word problems.

* **Measuring Length**

**PK (PK.MD.1 and 2):** Recognize attribute of length and compare measurements.

**1 (1.MD.2):** Express the length of an object as a whole number of length units.

**2 (2.MD.3):** Estimate lengths using standard units.

**3 (3.MD.4):** Measure lengths using rulers.

* **Area and Perimeter**

**3 (3.MD.7a-b):** Find area of rectangles.

**4 (4.MD.3):** Apply the area and perimeter formulas for rectangles.

5 (5.MD.3):Recognize and understand concepts of volume.

**Geometry:**

* **PK (PK.G.2):** Identifies two-dimensional shapes.
* **K (K.G.5):** Models shapes in the world by building and drawing.
* **1 (1.G.1):** Distinguish defining attributes of shapes.
* **2 (2.G.1):** Distinguish and draw shapes with specified attributes.
* **3 (3.G.1):** Understand different categories, attributes and shared attributes of shapes.
* **4 (4.G.2):** Identify lines and angles and classify shapes by their lines and angles.
* 5 (5.G.3 and 4):Classify two-dimensional figures into categories based on their properties.