Oklahoma Mathematics

Grade Pre-K

Adopted 2022

Pre-Kindergarten

Numbers & Operations

1. Know number names and count in sequence. PK.N.1
    1. Count aloud forward in sequence by 1s to 20. PK.N.1.1
    2. Recognize and name written numerals 0-10. PK.N.1.2
    3. Recognize that 0 (zero) represents the count of no objects. PK.N.1.3
2. Count to tell the number of objects. PK.N.2
    1. Identify the number of objects, up to 10, in a row or column. PK.N.2.1
    2. Use one-to-one correspondence in counting objects and matching groups of objects up to 10. PK.N.2.2
    3. Understand the last numeral spoken when counting aloud tells how many total objects are in a set up to 10. PK.N.2.3
    4. Count up to 5 items in a scattered configuration, not in a row or column. PK.N.2.4
3. Compare sets using numbers. PK.N.3
    1. Compare two sets of 0-5 objects using comparative language such as "same," "more," or "fewer." PK.N.3.1

Algebraic Reasoning & Algebra

1. Recognize, duplicate, and extend patterns. PK.A.1
    1. Sort and group up to 5 objects into a set based upon characteristics such as color, size, and shape. Explain verbally what the objects have in common. PK.A.1.1
    2. Recognize, duplicate, and extend repeating patterns involving manipulatives, sound, movement, and other contexts. PK.A.1.2

Geometry & Measurement

1. Identify common shapes. PK.GM.1
    1. Identify circles, squares, rectangles, and triangles by pointing to the shape when given the name. PK.GM.1.1

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2. Describe and compare measurable attributes. PK.GM.2
    1. Identify measurable attributes of objects. Describe them using age-appropriate vocabulary (i.e., little, big, long, short, tall, heavy, light). PK.GM.2.1
    2. Directly compare two objects with a common measurable attribute using age-appropriate vocabulary (e.g., longer/shorter, heavier/lighter, taller/shorter). PK.GM.2.2
    3. Sort objects into sets by one or more attributes. PK.GM.2.3

Data & Probability

1. Collect and organize categorical data. PK.D.1
    1. Collect and organize information about objects and events in the environment. PK.D.1.1
    2. Use categorical data to create real-object graphs, with guidance and support. PK.D.1.2