Indiana Early Learning Standards

Mathematics: Kindergarten

Numeracy

1 Demonstrate strong sense of counting M1.1

- a Count to at least 100 by ones and tens. Count by one from any given number. K.NS.1
- b Say the number names in standard order when counting objects, pairing each object with one and only one number name and each number name with one and only one object. Understand that the last number name said describes the number of objects counted and that the number of objects is the same regardless of their arrangement or the order in which they were counted. Count out the number of objects, given a number from 1 to 20. K.NS.3
- c Identify sets of 1 to 10 objects in patterned arrangement and tell how many without counting. K.NS.4

2 Demonstrate understanding of written numerals M1.2

- a Write whole numbers from 0 to 20 and identify number words from 0 to 10. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects). K.NS.2
- b Compare the values of two numbers from 1 to 20 presented as written numerals. K.NS.6

3 Recognition of number relations M1.3

- a Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group (e. g., by using matching and counting strategies). K.NS.5
- b Compare the values of two numbers from 1 to 20 presented as written numerals. K.NS.6
- c Define and model a "ten" as a group of ten ones. Model equivalent forms of whole numbers from 10 to 20 as groups of tens and ones using objects and drawings. K.NS.7

Computation and Algebraic Thinking

1 Exhibit understanding of mathematical structure M2.1

- a Use objects or drawings to model the decomposition of numbers less than 10 into pairs in more than one way. Identify corresponding equations. K.CA.2
- b Find the number that makes 10 when added to the given number for any number from 1 to 9 (e.g., by using objects or drawings), and record the answer with a drawing or an equation. K.CA.3

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2 **Demonstrate awareness of patterning** M2.2

a Create, extend, and give an appropriate rule for simple repeating and growing patterns with numbers and shapes. K.CA.4

Data Analysis

1 **Demonstrate understanding of classifying** M3.1

a With guidance, collect and organize data into simple bar graphs, pictographs, and/or tables to identify patterns and make comparisons. K.DA.1

Geometry

1 **Understanding of spatial relationships** M4.1

a Create, extend, and give an appropriate rule for simple repeating and growing patterns with numbers and shapes. K.CA.4

2 **Exhibit ability to identify, describe, analyze, compare, and create shapes** M4.2

a Compare two and three-dimensional shapes in different sizes and orientations, using informal language to describe their similarities, differences, parts (e. g., number of sides and vertices/" corners"), and other attributes (e.g., having sides of equal length). K.G.1

Measurement

1 **Understand the concept of time** M5.1

a Identify and use appropriate terms to describe intervals of time including: morning, afternoon, evening, today, yesterday, tomorrow, day, week, month, and year; describe how calendars and clocks are tools to measure time. K.M.2

2 **Understand measurement through description and comparison** M5.2

a Make direct comparisons of the length, capacity, weight, and temperature of objects, and identify which object is shorter, longer, taller, lighter, heavier, warmer, cooler, or holds more. K.M.1