

Teacher: _____

School Year: _____

Kindergarten Objective Sheet

Student: _____

Objectives:	1	2	3	4	Comments:
NUMBER AND OPERATIONS					
1. <i>Identify and represent relationships among sets of whole numbers up to 20 using manipulatives.</i>					
a. Count forward to 20 and backward from 10. (DOK 1)					
b. Create models of sets of objects 0 to 20. (DOK 1)					
c. Recognize and write numbers to represent quantities 0 to 20. (DOK 1)					
d. Compose and decompose two-digit numbers (up to 20) with representations in words and physical models. (DOK 2)					
e. Determine “first” through “tenth” (ordinal numbers), “next,” and “last” positions. (DOK 1)					
f. Develop multiple representations for addition (combining of sets) and subtraction (take-away, missing addend, comparison). (DOK 2)					
g. Apply mathematical language by telling when a certain number is “too many,” “not enough,” “just right,” “more than,” “less than,” or “equal to” for a given situation. (DOK 1)					
ALGEBRA					
2. <i>Identify, describe, and reproduce patterns using concrete objects.</i>					
a. Describe a rule for sorting objects. (DOK 2)					
b. Identify, reproduce, and extend repeating patterns in visual, auditory, and physical contexts. (DOK 2)					

c. Identify and describe qualitative changes (such as temperature changes – it feels hotter). (DOK 1)					
d. Identify and describe quantitative changes (such as temperature increases five degrees). (DOK 1)					
GEOMETRY					
<i>3. Identify and classify two-dimensional shapes.</i>					
a. Recognize and describe open and closed figures. (DOK 1)					
b. Identify two-dimensional figures such as the square, rectangle, triangle, and circle. (DOK 1)					
c. Demonstrate an understanding of positional words (e.g., in, above, below, over, under, beside, etc.). (DOK 1)					
MEASUREMENT					
<i>4. Identify measurable attributes of objects.</i>					
a. Measure the length, weight, and capacity of objects using nonstandard units. (DOK 2)					
b. Determine and describe comparisons of length (longer, shorter, the same), mass (heavier, lighter, the same), and capacity (holds more, less, or about the same) using different-shaped or congruent containers, objects or figures. (DOK 2)					
c. Recognize the clock (analog and digital) and calendar as measurements of time. (DOK 1)					
d. Determine attributes of objects that can be compared, such as length, area, mass or volume/capacity. (DOK 1)					
DATA ANALYSIS & PROBABILITY					
<i>5. Collect, organize, and interpret data.</i>					
a. Collect and organize data by counting and using tally marks and other symbols. (DOK 1)					

b. Describe data by using mathematical language such as more than, less than, etc. (DOK 1)					
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