

Teacher: _____

School Year: _____

Second Grade Objective Sheet

Student: _____

Objectives:	1	2	3	4	Comments:
NUMBER AND OPERATIONS					
1. <i>Understand and represent relationships among numbers and operations (addition, subtraction, and multiplication). Compute fluently using effective strategies or rote memory.</i>					
a. Recall addition and subtraction facts. (DOK 1)					
b. Justify addition and subtraction of two- and three-digit whole numbers with and without regrouping. (DOK 2)					
c. Compose and decompose three-digit numbers with representations in words and physical models. (DOK 2)					
d. Round up to three-digit whole numbers to the nearest hundreds. (DOK 1)					
e. Compare and order three-digit numbers using the symbols $<$, $>$, and $=$, and justify reasoning. (DOK 1)					
f. Determine and compare the value of money up to \$5.00 using the appropriate symbols for dollars and cents. (DOK 1)					
ALGEBRA					
2. <i>Analyze patterns, numbers, relationships, and functions.</i>					
a. Explain, analyze, and extend repeating and growing patterns. (DOK 2)					
b. Use number patterns to skip count by 2's, 3's, 5's, and 10's. (DOK 1)					

c. Model situations and solve equations that involve the addition and subtraction of whole numbers. (DOK 2)					
d. Analyze and generalize the inverse relationships between addition and subtraction. (DOK 2)					
GEOMETRY					
<i>3. Describe, classify, and sort geometric figures according to their properties.</i>					
a. Recognize and identify polygons (rhombus, square, triangle, trapezoid, rectangle, pentagon, hexagon, octagon, and decagon) according to the number of sides. (DOK 1)					
b. Describe the effects of composition and decomposition of polygons when smaller shapes are substituted for a larger shape or a larger shape is substituted for smaller ones. (DOK 2)					
c. Identify and classify three-dimensional figures (cone, pyramid, and cylinder) according to their characteristics. (DOK 1)					
MEASUREMENT					
<i>4. Estimate, identify, and apply measurable attributes.</i>					
a. Select appropriate tools and units, estimate, and measure length (to the nearest inch, foot, yard, centimeter, and meter), capacity (to the nearest ounce, cup, pint, quart, gallon, and liter), and weight (to the nearest ounce, pound, gram, and kilogram). (DOK 2)					
b. Read and write time to the hour, half-hour, quarter-hour, and five-minute intervals using digital and analog clocks. (DOK 1)					
DATA ANALYSIS & PROBABILITY					
<i>5. Organize and interpret data in graphical form.</i>					

a. Tally, record, interpret, and predict outcomes based on given information. (DOK 3)					
b. Create line graphs, bar graphs, and pictographs using real data. (DOK 2)					

