

2nd Grade Math

Essential Skills and Concepts

I can...

Number and Operations:

1. identify the place value up to the thousands.
2. count within 1000; skip count by 5s, 10s, and 100s.
3. read and write numbers to 1,000 using base-ten numerals, number names, and expanded form.
4. compare two three-digit numbers using symbols: $>$, $<$, $=$.
5. add and subtract within 100 using place value strategies.
6. add three two-digit numbers together.
7. add and subtract within 1000, using objects or drawings.
8. add 10 or 100 to a given number 100-900, and subtract 10 or 100 from a given number 100-900 in my head.
9. explain addition and subtraction, by using place value.

Algebra:

1. solve word problems for addition and subtraction within 100.
2. fluently add and subtract facts up to 20: know from memory all sums of two one-digit numbers.
3. identify an odd and even number.
4. find the sum of objects in rows and columns with up to 5 objects in 5 rows.

Geometry:

1. describe and recognize different angles, faces, sides, etc. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
2. find the area of a rectangle.
3. divide a shape into halves, thirds, and fourths and know a whole is two halves, three thirds, etc. as two halves, three thirds, etc.
4. recognize that equal parts can have different shapes.

Measurement and Data:

1. compare the measurement of an object using at least two different measurement tools such as rulers, yardsticks, meter sticks, and measuring tapes.
2. estimate and measure objects using two different unit lengths. Compare and describe the difference. (Using inches, feet, centimeter, meter).
3. solve word problems of addition and subtraction using length measurements with the same units and explain my thinking.
4. create and use a number line to find sums and differences within 100.
5. tell and write time to the nearest 5 minutes using analog and digital clocks.
6. understand the relationship between minutes, hours, days, weeks, months, and years.
7. solve word problems using money. Use and understand the \$ and ¢ symbols.
8. measure an object and show the measurement by making a line plot.
9. take a survey and create a graph using the information. Use the data on the graph to answer questions.