

3rd Grade Math

Essential Skills and Concepts

I can...

Number and Operations:

1. identify the value of digits up to the 100 thousands place.
2. round whole numbers & within whole numbers to the nearest 10 or 100.
3. solve addition and subtraction within 1000 using a variety of strategies.
4. multiply a one-digit whole number by multiples of 10.

Algebra:

1. fluently multiply and divide within 100 by memory.
2. use multiplication and division within 100 to solve word problems using a variety of methods including drawings.
3. explain the meaning of a multiplication and a division sentence.
4. solve two-step word problems using any of the 4 operations (addition, subtraction, multiplication, or division.)
5. use number patterns to solve problems.

Geometry:

1. identify, describe, and classify the properties of two-dimensional and three-dimensional shapes.

Fractions:

1. draw, shade, and label a part of a whole to show a fraction.
2. identify and describe the fraction that names a part of a set, a part of a whole, or a number line.
3. explain why fractions are equivalent or not by using a visual model.
4. compare and order fractions according to their numerator or denominator.

Measurement and Data:

1. tell and write time to the nearest minute and measure the amount of time passed in minutes and hours.
2. solve word problems involving addition and subtraction of time intervals in minutes.
3. measure and estimate volumes, masses of objects, and solve word problems.
4. measure to the nearest half or quarter inch.
5. measure the area and perimeter of a figure.
6. interpret & create a picture and/or bar graph.