

St. Raphael the Archangel

Math

3rd Grade 2017-2018

Learning Goals- Students will:

Operations and Algebraic Thinking

- 1. Divide within 100.**
- 2. Find a missing number in a multiplication or division problem.**
- 3. Identify and explain patterns.**
- 4. Multiply and divide to solve word problems.**
- 5. Multiply within 100.**
- 6. Use division to divide a set of objects into equal groups.**
- 7. Use multiplication to determine the total number of objects in an array or equal groups.**
- 8. Use the four operations to solve two-step word problems where a variable is used to represent an unknown quantity.**

Numbers and Operations- Base Ten

- 1. Round whole numbers to a given place value.**
- 2. Use strategies for adding within 1,000.**
- 3. Use strategies for subtracting within 1,000.**
- 4. Use strategies to multiply one-digit numbers by multiples of ten.**

Numbers and Operations- Fractions

- 1. Understand what makes fractions equivalent.**
- 2. Express whole numbers as fractions.**
- 3. Recognize fractions as parts of a whole.**
- 4. Understand that fractions can be represented on a number line.**

Measurement and Data

- 1. Create, analyze and read graphs to solve problems**
- 2. Gather data on lengths of inches, half inches, and quarter inches.**
- 3. Measure volume and mass using customary and metric units.**
- 4. Understand and measure area by using square units.**
- 5. Solve for the perimeters of polygons.**
- 6. Solve time problems.**
- 7. Tell and write time to the nearest minute.**

Geometry

1. Divide shapes into equal parts, using unit fractions to describe each part.
2. Identify and describe shapes based on their attributes.