

Dear Parents,

Here is what your child is learning in Grade 1, Unit 4 along with some specific ways you can help. Look for additional newsletters for upcoming units.

GEOMETRY

Students need to:

- Identify and describe attributes of 2-dimensional and 3-dimensional figures.
- Identify shapes that appear congruent.

Examples:

1. Look at the shape.

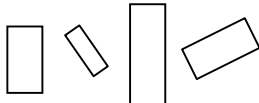


Identify the shape and describe 1 attribute of the shape.

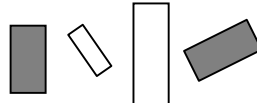
Sample response:

The shape is a cube. It has 6 sides.

2. Color the two congruent rectangles blue.



Sample response:



MEASUREMENT

Students need to:

- Estimate, then measure, length, width, and capacity using nonstandard units.

Example:

Student is shown a 4oz. jar and a 12 oz. clear container. Fill the 4 oz. jar with peanuts. Pour the peanuts from the 4 oz. jar into the 12 oz. container. Ask student, “About how many jars of peanuts would it take to fill this container?” After student responds, the student can use the 4 oz. jar and peanuts to fill the 12 oz. container. Ask student, “About how many jars of peanuts did it take to fill this container?”

Sample responses:

Student estimates the capacity of the 12 oz. container as 3-4 jars of peanuts.

Student measures the capacity of the container as 3 jars of peanuts.

WAYS PARENTS CAN HELP

- Encourage your child to identify various shapes in household items and describe their attributes. Include 2-dimensional (circle, square, rectangle, triangle, hexagon) and 3-dimensional shapes (cube, sphere, cone, and cylinder).
- Encourage your child to look for congruent shapes (same shape and same size) by matching plastic lids.
- Ask your child to describe the attributes of geometric shapes found in wallpaper, gift wrap, or fabric materials.
- With your child play “*I SPY.*” Say, “I spy an object that looks like a cube.” When your child identifies the object ask him/her to describe it. (a cube has 8 corners, 6 same size faces)
- Use an item such as paper clips as a measuring tool. With your child, predict how many paper clips long an object is. Let your child measure by placing the clips end-to-end and counting them.



For additional activities, visit www.ed.gov/pubs/parents/Math.