Dear First Grade Families,

In Unit 11, students will work on the following first grade Common Core standards in the Geometry (G) domain.

1.G.1	Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size);
1.G.2	Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape.

Unit 11 Concepts:
- Distinguish between defining attributes and non-defining attributes
- Build and draw shapes with defining attributes
- Compose two- and three-dimensional shapes
- Create a composite shape

Unit 11 Vocabulary:
- Defining attributes
- Non-defining attributes
- Closed/open figures
- Compose
- Sides
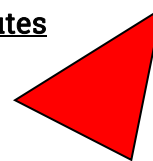- Vertex (vertices)
- Two- and three-dimensional shapes

Cut out the shapes included with this letter. Use the shapes to compose larger shapes.

Ask questions like these to help your child become a productive mathematical thinker:

- How many sides does a hexagon have?
- How many vertices does a triangle have?
- Can you make a larger triangle out of smaller triangles?
- How many shapes can you make with four squares?
- What shape can be made with two trapezoids?
- What shape can be made with four quarter circles?

Defining attributes
- 3 sides
- 3 vertices
- closed

Non-Defining attributes
- color
- size
- orientation (placement on the page)

Need a review?
Have your student login to Swun Math to access lesson support videos.

We encourage you to talk with your child daily about what was learned in math class.
Thank you for your support!

circle

half circle

half circle

quarter circle

quarter circle

quarter circle

quarter circle

rectangle

rectangle

rectangle

right triangle

right triangle

trapezoid

square

square

square

square

right triangle

right triangle

right triangle

right triangle

equilateral triangle

equilateral triangle

equilateral triangle

equilateral triangle

equilateral triangle

equilateral triangle