



Dear Second Grade Families,

In Unit 8, students will work on the following second grade Common Core standard in the Geometry (G) domain.

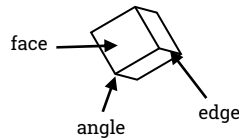
2.G.1	Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.
-------	---

Unit 8 Concepts:

- Recognizing shapes
- Attributes of a circle
- Attributes of a triangle
- Attributes of a quadrilateral
- Attributes of a pentagon
- Attributes of a hexagon
- Attributes of a cube

Unit 8 Vocabulary

- Sides
- Angles



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

- Which shape has 5 sides?
- Can a shape have a different number of sides and angles?
- What attributes does this shape have?
- Does a circle have sides?

Name	Defining Attributes	Image
Circle	not a polygon closed round symmetrical	
Triangle	polygon 3 sides 3 angles	
Quadrilateral <small>(In second grade, students learn that 4 sided figures are quadrilaterals. They will learn about the specific attributes of squares, rectangles, parallelograms, and other quadrilaterals in third grade.)</small>	polygon 4 sides 4 angles	
Pentagon <small>Students should be exposed to regular and irregularly shaped pentagons.</small>	polygon 5 sides 5 angles	
Hexagon <small>Students should be exposed to regular and irregularly shaped hexagons.</small>	polygon 6 sides 6 angles	

Need a review? Check out our lesson videos on-line!

swunmath.com/student-videos

If you don't know the class's special name, ask your child's teacher.

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

Thank you for your support!