Kindergarten – Unit 10
Geometry

Parent Letter

Dear Kindergarten Families,

In Unit 10, students will work with the following Kindergarten Common Core standards in the Geometry (G) domain.

K.G.1	Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as above, below, beside, in front of, behind and next to.
K.G.2	Correctly name shapes regardless of their orientations or overall size.
K.G.3	Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").
K.G.4	Analyze and compare two- and three- dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/"corners") and other attributes (e.g., having sides of equal length).
K.G.5	Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.
K.G.6	Compose simple shapes to form larger shapes. For example, "Can you join these two triangles with full sides touching to make a rectangle?"

Unit 10 Concepts:

- Describe the location of objects using position words
- Identify and create plane and solid shapes
- Analyze and compare two- and three-dimensional shapes
- Compose shapes to make larger shapes

Unit 10 Vocabulary:

- Above, below, beside, in front of, behind, next to
- Plane shapes (2-dimensional, flat): circle, square, rectangle, triangle
- Solid figures (3-dimensional): sphere, cube, cone, cylinder
- Vertex (vertices), sides

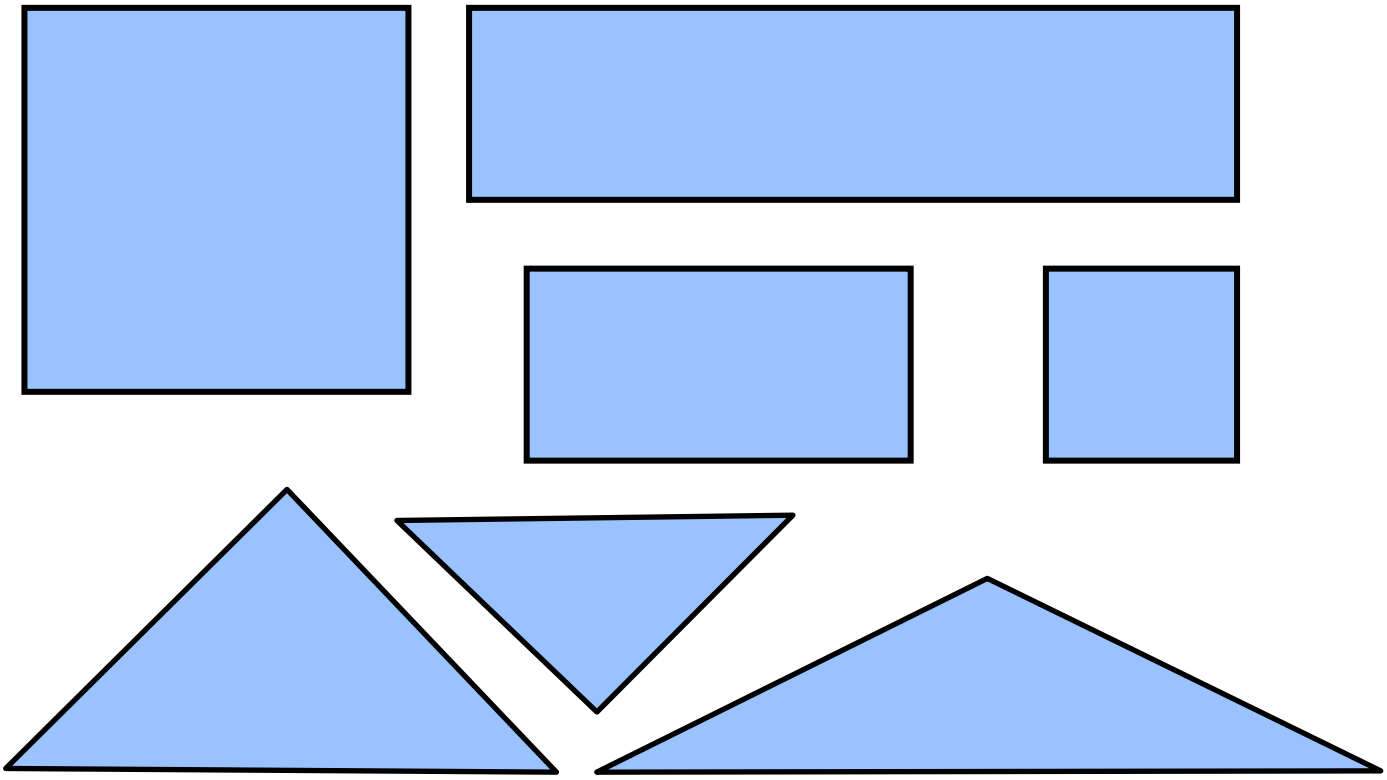
Ask questions like these to help your child become a productive mathematical thinker:

- What is beside your bed? What is above the dinner table? Please put this pencil next to the phone.
- What is the difference between plane and solid shapes?
- Cut out and use the shapes on the back of this page to compose larger shapes.

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!

How many ways can you make these larger shapes by composing the smaller shapes below?
Can you compose other shapes?



Cut out these shapes