



Kindergarten Unit 2: 2D Shapes in My World



Overview:

In this unit, students will observe shapes in their environment and describe the shapes based on the number of sides, vertices, and other attributes. They will identify basic two-dimensional shapes (squares, circles, triangles, rectangles, hexagons, and octagons) and form larger shapes by putting two or more basic shapes together. They will explain the location of shapes by saying where a shape is in relation to another shape. Students will identify a pattern created by shapes and extend the pattern. They will observe, describe, and compare the measurable attributes of objects and sort objects into categories by an attribute.

Learning Targets:

In Unit 2, students will:

- Identify, sort, classify, analyze, and compare two-dimensional shapes and three-dimensional figures, in different sizes and orientations, using informal language to describe their similarities, differences, number of sides and vertices, and other attributes.
- Describe the relative location of an object using positional words.
- Use basic shapes to represent specific shapes found in the environment by creating models and drawings.
- Use two or more basic shapes to form larger shapes
- Directly compare, describe, and order common objects, using measurable attributes (length, height, width, or weight) and describe the difference.
- Classify and sort up to ten objects into categories by an attribute; count the number of objects in each category and sort the categories by count.
- Create, extend, and describe repeating patterns with numbers and shapes, and explain the rationale for the pattern.

Key Vocabulary: (linked to GA DOE Interactive Glossary)

above	attribute	behind	below	beside	circle
classify	compose	describe	extend	height	hexagon
in front of	iteration	left	length	next to	number
octagon	orientation	pattern	property	quadrilaterals	rectangle
right	set	sort	spatial	square	triangle
vertices	width	measurable attributes			

Supporting Resources:

<http://ctslslearn.cobbk12.org/>

<https://gavirtual.instructure.com/courses/33668#modules>

<https://toytheater.com/shape-fall/>

<https://apps.mathlearningcenter.org/pattern-shapes/>

https://www.abcya.com/games/shapes_geometry_game

<https://pbskids.org/catinthehat/games/sorta-ma-gogo>

