Unit 3 Family Support Materials

Flat Shapes All around Us

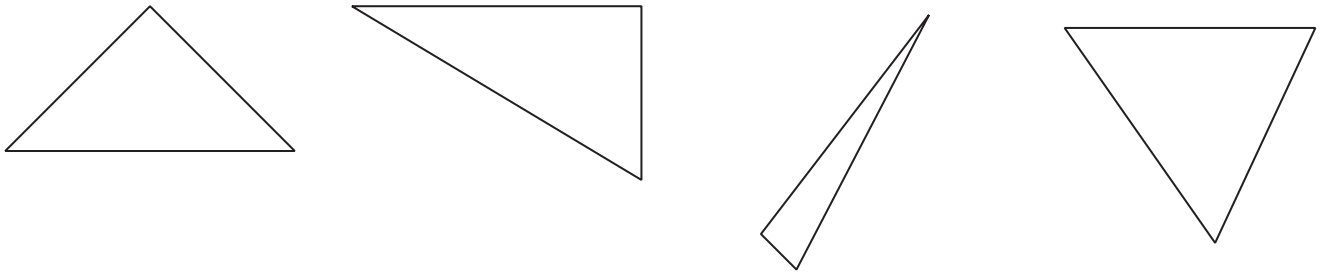
In this unit, students identify, describe, analyze, compare, and compose two-dimensional shapes.

Section A: Exploring Shapes in Our Environment

In this section, students look for shapes in the world around them and describe and compare those shapes, using their own language. They begin by identifying objects in their world that look like flat shapes. For example, students may look at a tissue box and say it looks like a rectangle. (The difference between flat shapes and solid shapes will be investigated in a later unit.)

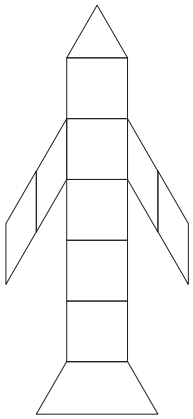
Students do not need to use formal vocabulary to describe or name shapes although they are asked to identify circles, squares, rectangles, and triangles. They are introduced to the idea that a square is a special kind of rectangle with all 4 sides the same length. Students see a wide range of examples of specific shapes to help them develop an

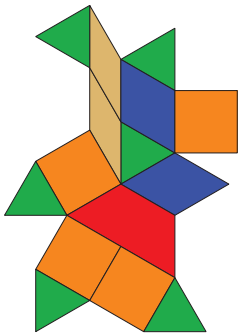
understanding of each type of shape. For example, students see these shapes and talk about what makes them triangles.



Section B: Making Shapes

In this section, students develop spatial reasoning as they make shapes out of pattern blocks.





Students find shapes that match exactly. They work on shape puzzles that may require them to change the orientation of shapes to complete the puzzles. Students use their own language to describe how the

shapes are alike and how they are different.

Try it at home!

Near the end of the unit, ask your kindergartener to go on a scavenger hunt to find shapes around the home or in places you visit often.

Questions that may be helpful as they work:

- Can you find a square, a rectangle, a triangle, and a circle?
- Find two (2) shapes that are the same. What is the same about these shapes? What is different?

Solution:
Answers may vary.

Sample response:

- I see a square tile on the bathroom floor.
- The door looks like a rectangle. The TV also looks like a rectangle. Both have 4 straight sides. Their sides are different sizes.
- The bottom of my cup is a circle.