

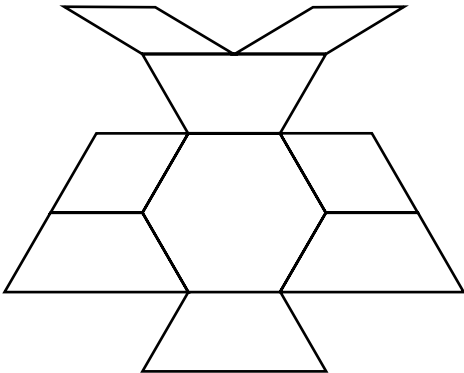
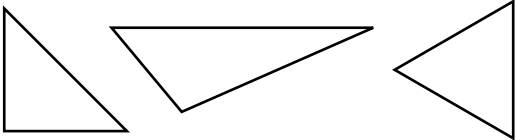


About the Mathematics in This Unit (page 1 of 2)

Dear Family,

We are beginning a new unit in mathematics called *Making Shapes and Designing Quilts*. This geometry unit focuses on two-dimensional shapes and the relationships among them. Students observe, describe, compare, classify, represent, and build with 2-D shapes. They will also combine triangles and squares to make quilt patterns. Later in the year, in another geometry unit, students will learn about three-dimensional shapes and objects.

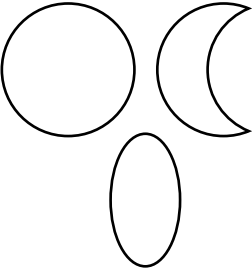
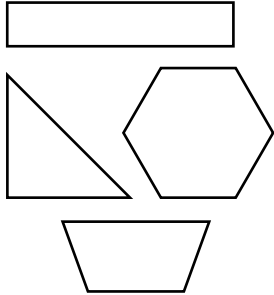
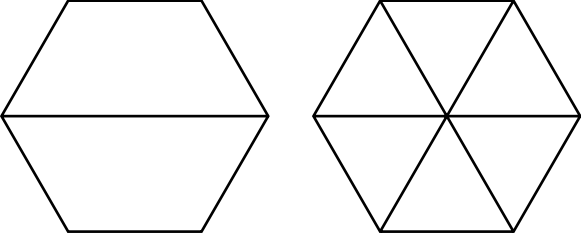
Throughout this unit, students will:

BENCHMARKS/GOALS	EXAMPLES
Fill a given region in different ways with a variety of shapes.	
Use geometric language to describe and identify important features of familiar 2-D shapes.	corners angles points sides edges
Identify and describe triangles.	 <p>All triangles have 3 angles or corners, 3 straight lines, 3 points or vertices.</p>

(continued)



About the Mathematics in This Unit (page 2 of 2)

BENCHMARKS/GOALS	EXAMPLES	
Describe and sort 2-D shapes.	Shapes that have curves 	Shapes with only straight lines 
Compose and decompose shapes.	A hexagon can be made with different shapes. 	

Students will continue to engage in math problems and activities and share how they solve a given problem. At home, you can encourage your children to explain their thinking as they engage in activities that further support the mathematics in this unit.