Perimeter, Angles, and Area



About the Mathematics in This Unit (page 1 of 2) Dear Family, Our class is starting a new mathematics unit about geometry and measurement called *Perimeter, Angles, and Area.* During this unit, students measure length by using U.S. standard units (inches, feet, yards) and metric units (centimeters, meters). They investigate characteristics

of triangles, rectangles, and other polygons. They use right angles as

a reference to identify other angles as being greater than or less than

90 degrees. Students solve problems about perimeter (the length of the border

of a figure) and area (the measure of how much flat space a figure covers).

Throughout the unit, students work toward these goals:

BENCHMARK/GOAL	EXA	MPLES
Identify and measure the perimeter of a figure using U.S. standard and metric units.	What is the perimeter of this photograph?	
	6 inches	I measured the sides of the photograph by using inches
	H inches	The bottom will measure the same as the top and the right side will measure the same as the left side.
		8 + 4 + 8 + 4 = 20 The perimeter of the photograph is 20 inches.
Identify and find the area of given figures by counting whole and partial square units.	What is the area	8
	I counted 7 square	1 2 3
	units and two $\frac{1}{2}$ square units,	4 5 6 7
	so the total area is 8 square units.	

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И8