

Geometry: Grade 3

Stage 1 Desired Results

ESTABLISHED GOALS: <u>Competencies:</u> - Students will demonstrate the ability to reason with two- and three- dimensional shapes in order to measure, compare, categorize, and partition. <u>Content Standards:</u> 3.G.1 Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories. 3.G.2 Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole. For example, partition a shape into 4 parts with equal area, and describe the area of each part as $\frac{1}{4}$ of the area of the shape. - MP6 Attend to precision. - MP7 Look for and make use of structure.	Transfer	
	Students will be able to independently use their learning to partition space into equal parts.	
	Meaning	
	ENDURING UNDERSTANDINGS Students will understand that... geometric attributes provide descriptive information about an object's properties and position in space, and support visualization and problem solving.	ESSENTIAL QUESTIONS Can anything ever be the same, but different?
	Acquisition	
	Students will know... - that different shapes may share attributes - that common attributes categorize shapes - that shapes in different categories may share attributes and define a larger category. - fractions are equal parts of a whole unit. <u>vocabulary:</u> attribute, quadrilateral, rhombus, area, unit fraction, rectangle, square, parallelogram, trapezoid, kite	Students will be skilled at... - using attributes to identify shapes. - recognizing rhombuses, rectangles, and squares as being quadrilaterals. - drawing quadrilaterals other than rhombuses, rectangles, and squares. - partitioning shapes into equal parts with equal areas. - expressing the area of a part of a shape as a unit fraction.
Content Area Literacy Standards		21st Century Skills
not applicable		- reason effectively - solve problems

Stage 2 - Evidence

Evaluative Criteria	Assessment Evidence
	PERFORMANCE TASK(S):
	OTHER EVIDENCE:

Stage 3 – Learning Plan

Summary of Key Learning Events and Instruction

Language Arts Integration

- 1.OA.1 Use

Mathematics Integration

not applicable

Technology Integration

- 1.OA.1 Use

District Materials