Common Core Geometry in Bridges, Grades K-2				
Kindergarten	Grade One	Gra		
Instructional Focus: • Identify & describe 2-D & 3-D shapes in the environment & in isolation, regardless of orientation, color, or size • Identify & describe positions of objects (above, below, etc.) • Analyze & compare 2-D & 3-D shapes using informal language • Draw & model shapes; compose shapes to form larger shapes	 Instructional Focus: Identify defining attributes of 2-D shapes; build & draw shapes to possess defining attributes Compose 2-D or 3-D shapes to create composite shapes Explore symmetry & congruent shapes Partition circles & rectangles into 2 and 4 equal shares 	Instructional Focus: • Recognize & draw shapes hav • Identify triangles, quadrilateral • Explore area: partition rectang same-sized squares and count t • Partition circles & rectangles in		
Resources in Bridges: Vol 1: Sessions 2, 7, 10-12, 14, 15, 33-36, 38, 39, 44, 45, 53, 54 Vol 2: Sessions 117–120 Number Corner: September, Nov., Dec., Jan., & Feb. Supplement Sets C1, C2, C3, C4, C5, C6	Resources in Bridges: Bridges: Unit 5, Unit 6 Supplement Sets: C1, C2, C3, C4, C5, C6, C7, C8 Number Corner: Sept. Thurs. Thinking, Jan. Wed. Workout, NovApr. Calendar Grid	Resources in Bridges: Bridges: Unit 1, Unit 3, Unit 4, U Number Corner: Dec, Jan, Mar, September–January Magnetic T		
 Kindergartners Find, identify and describe 2-D and 3-D shapes in the environment using informal language. Cube in the cube in the environment using informal language. Sort 2-D and 3-D shapes in many different ways Sort 2-D and 3-D shapes in many different ways Sort 2-D and 3-D shapes in many different ways Oraw and build 2-D and 3-D shapes using a variety of materials including geoboards & bands, pattern blocks, and polydrons Combine shapes and take shapes apart to make other shapes Combine shapes and take shapes apart to make other shapes Cube in the position of an object relative to another object Learn to describe the position of an object relative to another object 	First Graders • Identify 2-D and 3-D shapes in the environment and in isolation and begin to describe them in terms of their properties. • cube $$ isolation and begin to describe them in terms of their properties. • cube $$ isolation • alphabet block • alphabet block • alphabet block • tissue box • pokydron cube A cube has a square on every side (face). • Sort 2-D and 3-D shapes by basic attributes, such as faces and curved surfaces • Begin to think about how many of one shape it takes to build another. • Begin to test shapes for symmetry and congruence • Begin to test shapes for symmetry and congruence • Continue to draw and build 2-D and 3-D shapes using a variety of materials	Second Graders • Observe, describe, and classify 2-D and 3-D shapes by their properties • Begin to measure shapes using other shapes U B. • Begin to develop definitions • Begin to develop definitions 5 sides all sides equal looks like a house 5 lines of symmetry not a triangle or a. no curves-all strai if you draw a line from another, you can get trapezoid. • Use models to change the properties of various shapes		
Common Core Standards Addressed: CCSS K.G.1, K.G.2, K.G.4, K.G.5, K.G.6	Common Core Standards Addressed: CCSS 1.G.1, 1.G.2, 1.G.3	Common Core Standards Ad CCSS 2.G.1, 2.G.2, 2.G.3		

Grade Two
ocus: raw shapes having specified attributes es, quadrilaterals, pentagons, hexagons, cubes partition rectangles into rows and columns of ares and count to find the total number s & rectangles into 2, 3, and 4 equal shares
ridges: Unit 3, Unit 4, Unit 7 Dec. Jan. Mar. May Calendar Grid:

ary Magnetic Tile



p definitions of shapes

- 5 sides
- all sides equal
- looks like a house
- 5 lines of symmetry
- not a triangle or a square
- no curves—all straight sides
- if you draw a line from one corner to another, you can get a triangle and a trapezoid.



Compose shapes to form symmetrical

figures 🔺

Standards Addressed: G.2, 2.G.3

Common Core Geometry in Bridges, Grades 3–5			
Grade Three	Grade Four		
 Instructional Focus: Understand that shapes in different categories may share attributes, and that shared attributes can define a larger category Triangles, quadrilaterals, pentagons, hexagons & octagons Parallel & perpendicular lines, congruence, symmetry, area, perimeter, right angles 	Instructional Focus: • Draw & identify points, lines, line segments, rays, angles, parallel & perpendicular lines • Angle identification & measurement • Classify 2-D shapes by sides & angles • Reflective (line) symmetry • Area & Perimeter	Instructional For • Coordinate grids • Understand that figures also belon • Classify 2-D figu • Volume • 3-D	
Resources in Bridges: Bridges: Unit 3, Unit 6 Number Corner: November & April Calendar Grid, March Data Collector Supplement Sets: C2, C4, D2, D5, D6	Resources in Bridges: Bridges: Unit 1, Unit 4 Number Corner: November & April Calendar Grid Supplement Sets: <i>C</i> 1, <i>C</i> 3, D6	Resources in Br Bridges: Unit 1, U Number Corner: S Supplement Sets	
Third Graders Observe, describe, and classify 2-D and 3-D shapes by their properties Continue to explore symmetry Describe and classify quadrilaterals using attributes such as parallel and perpendicular lines, symmetry, and right angles - Describe and classify quadrilaterals using attributes such as parallel and perpendicular lines, symmetry, and right angles - and the sides are congruent - prior of parallel sides - 2 pairs of perpendicular line segments - books like a rectoragle and triangle put together - i dist soft symmetrical - books like a rectorage and triangle put together - i dist soft symmetrical - books like a rectorage and triangle put together - i dist soft symmetrical - there aren't any dents - it's not concave 	Fourth Graders • Measure shapes (side lengths, angle measures, perimeter, area)	Fifth Graders • Use models and look for generali • Investigate the example, the cor angles," is, "If it • Make prop discuss whi necessary a sufficient co specific sha • Find the volume rectangular prism Rectangular Solids with Volu Length = 2 cm Width = 2 cm Width = 2 cm Height = 3 cm Height = 3 cm Height = 3 cm Height = 3 cm Height = 2 cm Sufficient co specific sha • Find the volume rectangular of	
Common Core Standards Addressed: CCSS 3.G.1, 3.G.2	Common Core Standards Addressed: CCSS 4.MD.5, 4.MD.6, 4.MD.7, 4.G.1, 4.G.2, 4.G.3	Common Core S CCSS 5.MD.3, 5	

Grade Five

cus:

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t attributes belonging to a category of 2-D ng to all subcategories of that category ures in a hierarchy based on properties • Area of polygons

ridges:

Unit 3, Unit 7 Sep, Oct, Jan, Mar, April Calendar Grid s: A10, C1, D2

nd drawings as tools to think with, and begin to lizations and counterexamples

e converse of certain relationships for validity. For onverse of, "If it is a square, it must have four right t has four right angles, it must be a square.

