

GEOMETRY STANDARDS 3-5

Indicator 1: Use deductive and inductive reasoning to recognize and apply properties of geometric figures.

Third Grade	Fourth Grade	Fifth Grade
3.G.1.1. (Comprehension) Recognize and compare the following plane and solid geometric figures: square, rectangle, triangle, cube, sphere, and cylinder.	4.G.1.1. (Knowledge) Identify the following plane and solid figures: pentagon, hexagon, octagon, pyramid, rectangular prism, and cone.	5.G.1.1. (Knowledge) Describe and identify isosceles and equilateral triangles, pyramids, rectangular prisms, and cones.
3.G.1.2. (Knowledge) Identify points, lines, line segments, and rays.	4.G.1.2. (Knowledge) Identify parallel, perpendicular, and intersecting lines.	5.G.1.2. (Knowledge) Identify acute, obtuse, and right angles.

Indicator 2: Use properties of geometric figures to solve problems from a variety of perspectives.

Third Grade	Fourth Grade	Fifth Grade
3.G.2.1. (Comprehension) Demonstrate relationships between figures using similarity and congruence.	4.G.2.1. (Comprehension) Compare geometric figures using size, shape, orientation, congruence, and similarity.	5.G.2.1. (Comprehension) Determine lines of symmetry in rectangles, squares, and triangles.
	4.G.2.2. (Knowledge) Identify a slide (translation) of a given figure.	5.G.2.2. (Knowledge) Identify a turn or flip (rotation or reflection) of a given figure.
		5.G.2.3. (Application) Use two-dimensional coordinate grids to find locations and represent points and simple figures.