Content Area: Math Grade Level: K

Reporting Measure: Geometric Figures

Level	Description
Above & Beyond (4.0)	• I can compare objects by their shapes and the parts of their shapes (for example, when someone shows me two objects, I can compare them based on whether they're flat or solid, whether they're similar to shapes I know, or by how many sides, corners, edges, faces, or points they have.
3.5	I can do all of the things at level 3.0, and I can do some of the things at level 4.0.
Proficient (3.0)	**GF1—I can compare flat shapes by their overall shape and the parts of their shape** (for example, when someone gives me a group of flat shapes like circles, triangles, squares, rectangles, hexagons, or trapezoids, I can say what shape they are, describe the parts of their shapes, and say how the shapes are similar or different). **GF2—I can compare solid shapes by their overall shape and the parts of their shape** (for example, when someone gives me a group of solid shapes like spheres, cubes, cylinders, or cones, I can say what shape they are, describe the parts of their shapes, and say how the shapes are similar or different). **GF3—I can describe objects around me using shape names** (for example, when someone shows me different objects around me, I can describe what flat or solid shapes they look like and point out the parts of their shapes).
2.5	I can do all of the things at level 2.0, and I can do some of the things at level 3.0.
Getting There (2.0)	**GF1—**I know what certain words mean (for example, *attribute*, *circle*, *closed*, *corner*, *curved*, *equal corners*, *equal sides*, *flat*, *hexagon*, *length*, *open*, *rectangle*, *shape*, *side*, *solid*, *square*, *straight*, *three-dimensional*, *trapezoid*, *triangle*, *two-dimensional*) and can do things such as: • Tell the difference between flat shapes and solid shapes. • Say whether a flat shape is closed or open. • Say whether a flat shape is a circle, triangle, rectangle, square, hexagon, or trapezoid. • Pick out the straight and curved sides in a flat shape someone gives me. • Pick out corners in flat shape someone gives me. • Pick out equal corners and equal sides in a flat shape someone gives me. • Count how many sides, equal sides, corners, and equal corners there are in a flat shape someone gives me. • Explain how flat shapes can be different in some ways but still have the same shape name. For example, I can explain that two different triangles can each have different colors, be pointed in different directions, or have different-sized sides or corners, and can both still be triangles. • Describe how the parts of a flat shape show what kind of shape it is. For example, I can explain how the number and type of sides and corners a shape has make it a triangle. **GF2—**I know what certain words mean (for example, *attribute*, *cone*, *corner*, *cube*, *curved*, *cylinder*, *edge*, *equal faces*, *face*, *flat*, *length*, *point*, *shape*, *solid*, *sphere*, *straight*, *three-dimensional*, *two-dimensional*, *vertex*) and can do things such as: • Tell the difference between flat shapes and solid shapes. • Say whether a shape is a sphere, cube, cylinder, or cone. • Pick out curved or flat surfaces in a solid shape someone gives me.

	• Pick out curved or straight edges in a solid shape someone gives me. • Pick out corners in a solid shape someone gives me. • Pick out equal faces in a solid shape someone gives me. • Count the faces, equal faces, straight edges, and curved edges of a solid shape someone gives me. • Explain how solid shapes can be different in some ways but still have the same shape name. For example, I can explain that two different cylinders can each have different colors, be pointed in different directions, or have different lengths or widths, and can both still be cylinders. • Describe how the parts of a solid shape show what kind of shape it is. For example, I can explain how the number and type of faces, surfaces, corners, or edges a shape has make it a cone. **GF3—** I know what certain words mean (for example, *attribute*, *circle*, *cone*, *corner*, *cube*, *curved*, *cylinder*, *edge*, *equal corners*, *equal faces*, *equal sides*, *face*, *flat*, *hexagon*, *length*, *point*, *rectangle*, *shape*, *side*, *solid*, *sphere*, *square*, *straight*, *three-dimensional*, *trapezoid*, *triangle*, *two-dimensional*) and can do things such as: • Say the correct shape name when someone shows me familiar types of flat shapes turned in different ways. • Say the correct shape name when someone shows me familiar types of solid shapes turned in different ways. • Describe different flat and solid shape types by the lines, edges, faces, and corners they have. • Say whether a real-world object or part of an object is flat or solid. • Describe real-world objects by their lines, edges, faces, and corners. For example, I can describe a door as being flat with 4 straight sides and 4 equal corners. • Come up with real-world objects that look like a familiar flat or solid shape someone gives me. For example, when someone gives me a cylinder I can say it looks like a soda can.
1.5	I can do some of the things at level 2.0 and at level 3.0.
Beginning (1.0)	I can do some of the things at level 2.0 and at level 3.0 with help.