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| **NC.K.G.2 and NC.K.G.3****Naming 2-D & 3-D Shapes**  |
| **Domain** | Geometry |
| **Cluster** | Identify and describe shapes. |
| **Standard(s)** | **NC.K.G.2** Correctly name squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres regardless of their orientations or overall size. **NC.K.G.3** Identify squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres as two-dimensional or three dimensional. |
| **Materials** | BLM of “Naming 2D and 3D Shapes Card” (cut out), collection of 3-D objects (cube, cone, cylinder and sphere)  |
| **Task** | Show each shape or shape card one at a time to the student. * Say: W*hat is the name of this shape?*
* *Why do you think this is a \_\_\_\_\_\_\_\_\_?* (use shape name stated by the child)
* *Is this shape a 2-dimensional or 3-dimensional shape? How do you know?*
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| A-triangleB-Square (not a diamond)C- CylinderD- rectangleE-TriangleF-cube | G-squareH-sphereI-circleJ-coneK-hexagonL-rectangle |

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| **Continuum of Understanding** |
| **Not Yet Proficient** | * Unable to name the shapes
* Unable to determine if shapes are 2-D and 3-D shapes
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| **Progressing**  | * Names most shapes correctly
* Names regular shapes, but is not able to name irregular shapes or shapes in atypical orientations.
* Uses non-geometric attributes to describe/justify shape names (e.g., color, size, texture, etc.).
* Correctly determines if some shapes are 2-D or 3-D shapes
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| **Meets****Expectation** | * Names all of the shapes correctly.
* Uses geometric attributes to describe/justify shape names (e.g., number of sides, number of edges, number of corners, etc.)
* Correctly determines if shapes are 2-D or 3-D and can explain their rationale
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| **Standards for Mathematical Practice** |
| 1. Makes sense of problems and perseveres in solving them.  |
| 2. Reasons abstractly and quantitatively. |
| 3. Constructs viable arguments and critiques the reasoning of others. |
| 4. Models with mathematics. |
| 5. Uses appropriate tools strategically. |
| **6. Attends to precision.** |
| 7. Looks for and makes use of structure. |
| **8. Looks for and expresses regularity in repeated reasoning.** |

**Naming 2-D & 3-D Shapes Cards**

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| Card A | Card B | (Show the cylinder)Card C |
| Card D | Card E | (Show the cube)Card F |
| Card G | (Show the sphere)Card H | Card I |
| (Show the cone)Card J | Card K | Card L |