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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?* | |
| A-triangle  B-Square (not a diamond)  C- Cylinder  D- rectangle  E-Triangle  F-cube | G-square  H-sphere  I-circle J-cone  K-hexagon  L-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 |
| **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 |
| **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 |