|  |  |  |  |
| --- | --- | --- | --- |
| **LG #** | **709** | **Standards:** | **7.G.2.6** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.**  **The student will be able to:**   * Create a net that contains circular faces (cone, cylinder, etc.) and use it to determine the surface area of the figure.   **No major errors or omissions regarding the score 4.0 content.** | | |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. | | |
| **3.0** | **Students will be able to solve real-world and mathematical problems involving the surface area of 3D shapes composed of triangles and polygons.**  **The student will be able to:**   * Solve real-world and mathematical problems involving [surface area of three-dimensional figures](http://www.cpalms.org/Public/PreviewResource/Preview/65203), including [composite figures](http://www.cpalms.org/Public/PreviewResource/Preview/65200). (7.G.2.6) * Determine a missing dimension of a three-dimensional figure given the surface area. (7.G.2.6)   **No major errors or omissions regarding the score 3.0 content (simple or complex).** | | |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. | | |
| **2.0** | **The student recognizes and describes specific terminology such as:**   |  |  |  | | --- | --- | --- | | * Right Rectangular Pyramid * Right Rectangular Prism * Plane Section * Two Dimensional * Triangle * Net | * Three Dimensional * Area * Volume * Surface Area * Vertex * Lateral Face * Dimensions | * Quadrilateral * Polygon * Cube * Right Prism * Base * Slant Height * Composite Figure |   **The student will be able to:**   * Understand the meaning of area. (7.G.2.6) * [Determine the area of two-dimensional figures. (7.G.2.6)](http://www.cpalms.org/Public/PreviewResource/Preview/65115) * Determine a missing dimension of a two-dimensional figure given the area. (7.G.2.6) * Create a net and use it to determine surface area of a three-dimensional figure. (7.G.2.6) | | |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. | | |
| **1.0** | With partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.5** | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.0** | Even with help, no understanding or skill is demonstrated | | |