Name: _____   Period: _____

Geometry
Proficiency Scale: Solids

Essential Learning Target: I can find the volume and surface area of a pyramid, cylinder, cone, sphere, and any prism.	
Scoring Guideline	
Score 4.0	In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught. ☐ Students can model real world situations using three dimensional solids and calculate the volume and surface area using appropriate units. ☐ Students can find the surface area and volume of compound three dimensional solids using appropriate units.
Score 3.0	The Student: ☐ Students will evaluate real-world problems and mathematical geometric problems that require determining the measures (base, height, perimeter, area, and volume) of three dimensional figures using appropriate units. The student exhibits no major errors or omissions.
Score 2.0	There are no major errors or omissions regarding the simpler details and processes as the student: Recognizes or recalls specific terminology as:

Recognizes or recalls specific terminology as:

☐ Height	☐ Volume	☐ Perimeter	☐ Solid
☐ Altitude	☐ Cross-Section	☐ Polyhedron	☐ Vertex
☐ Slant Height	☐ Case	☐ Hemisphere	☐ Edge
☐ Area	☐ Leg	☐ Face	☐ Central Angle
☐ Surface Area	☐ Width	☐ Sector	☐ Regular Polygon
☐ Circumference	☐ Radius	☐ Prism	☐ Cylinder
☐ Sphere	☐ Cone	☐ Cube	☐ Pyramid

Performs basic processes, such as:

☐ Identify the 2D or 3D figure and choose an appropriate formula.

☐ Identify the base shape on a 3D figure.

☐ Find the number of edges, faces, and vertices on a given polyhedron.

☐ Calculate the area of a basic polygon using appropriate units.

☐ Calculate the volume of any prism, cylinder, sphere, cone, or pyramid.

Proficiency Scale Self-Assessment & Reflection

Essential Learning Target: I can find the volume and surface area of a pyramid, cylinder, cone, sphere, and any prism.			
Date	Skill Level (1-4)	I Have a Strong Understanding Of	I Still Need To Work On

This Proficiency Scale Will Be Assessed On: _____