




Accelerated 7th Grade Learning Targets

Unit 10 3D Geometry				
1	I can draw cubes and right prisms using a ruler and protractor.			
2	I can describe the 2-D shape that results from slicing a 3-D figure at specific locations.			
3	I can calculate the surface area of right prisms with triangular bases.			
4	I can calculate the surface area of right prisms with quadrilateral bases including cubes.			
5	I can calculate the surface area of right prisms with polygonal bases having more than 4 sides.			
6	I can calculate the volume of right prisms with triangular bases.			
7	I can calculate the volume of right prisms with quadrilateral bases including cubes.			
8	I can calculate the surface area of right prisms with polygonal bases having more than 4 sides.			
9	I can find the area of a circle given the radius, diameter, or circumference.			
10	I know the formula for the volume of a cone.			
11	I know the formula for the volume of a cylinder.			
12	I know the formula for the volume of a sphere.			
13	I can substitute into the formulas for the volumes of cones, cylinders, and spheres, then solve.			
14	I can recognize cones, cylinders, and spheres in the real world and can approximate their volume using appropriate units.			