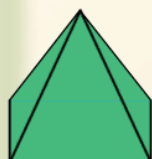
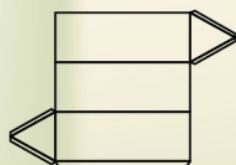


The Assignment

Your group has been assigned a 3D shape. Research the shape and create a summative poster or other product to display in the classroom. Your poster/display must include:



- a 3D model made out of paper, cardboard, wood, or other substance



- a scale drawing of the net for your 3D model

$$SA = 4\pi r^2$$

- formulas of importance for SA, Vol. etc.

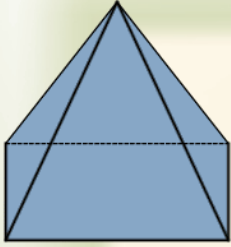
The Assignment con't

- interesting facts about variations to the shape, uses, interesting relationships etc. (THIS IS THE IMPORTANT PART)

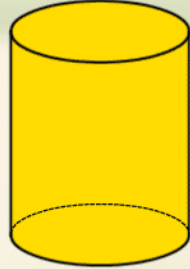
- Prisms can have any shape as a base - a square, a triangle, a rectangle, a pentagon as long as the sides are rectangular.
- Triangular prisms can be used to separate light

- A sample real life situation/problem where the volume of the 3D figure would need to be calculated
- A sample real life situation/problem where the surface area of the 3D figure would need to be calculated

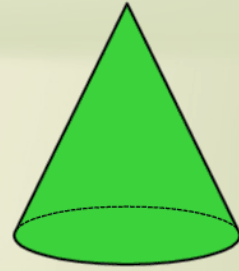
3D Geometry Research Assignment



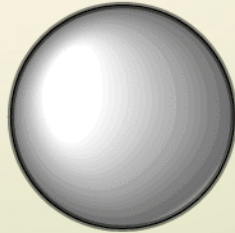
Pyramids



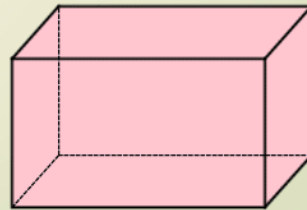
Cylinders



Cones



Spheres



Prisms