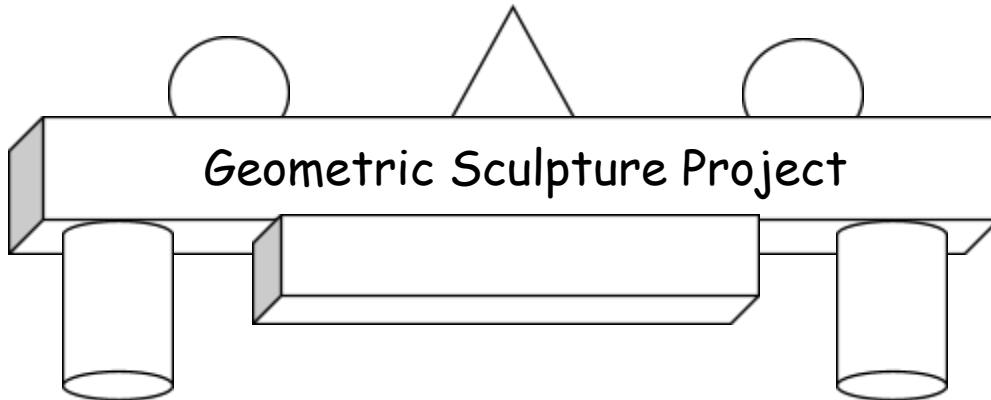


8th Grade PBL

Geometric Sculpture Project



Driving Question: Can the volume be determined from a sculpture?

Content: Students will work in small groups (2-3) to artistically create and measure a sculpture. It must include a cylinder, sphere and cone but can also have additional shapes that are measurable. The sculpture can include recycled items or it can be created from something new. The sculpture must be represented in two units of measure: customary (imperial) and metric.

Students will present their project to the class complete with calculations for the teacher.

Standards:

8.G.C.9 Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.

HSG - CO.D.12 Make geometric construction with a variety of tools and methods

Major Products

A sculpture.