Geometric Solids: Volume and Surface Area Building Project

You will create a 3-D object using some of the following shapes:

- Rectangular prism
- Cube
- Cone
- Regular Square Pyramid
- Triangular prism
- Cylinder
- Sphere

Your task is to build a 3-dimensional structure using at least 3 different geometric solid shapes such as the ones listed above so that its dimensions can be accurately measured, then these measurements can be used to calculate the volume and surface area of the structure.

Possible objects you can create include:
- House/Building
- Castle
- Car
- Animal
- Other?

All project ideas must be approved by either Mr. Wood or Mr. Moleski!

A list of objects used to create your project must be kept along with your measurements for each of the shapes. Once you finish creating your object, you will calculate the volume and surface area for each item used AND the total volume and surface area for your project.

There will also be an opportunity for extra credit! Once all projects are completed, we will walk around and estimate the volume of other students' projects. The student(s) who come the closest to the overall volume and surface area of everyone's projects will earn extra credit points!

Due Date: February 14, 2014