

Earth Science Quarter Project: 3D Earth Model

For the next few weeks, you will have the opportunity to create a 3D model of the earth's core. The model is made from your choice of materials. There are several requirements that are listed below.

Requirements:

- The model *must be* 3D
- The model must include the required components of the interior
- All of the components must be labeled on the 3D model
- A typed reference sheet with all of the components as well as their definitions
- The project must be sturdy enough to travel from home to school without falling apart

In detail:

- The components you must have on your 3D Earth model
 - Mantle
 - Crust
 - Lithosphere
 - Asthenosphere
 - Outer core
 - Inner Core
 - The direction of increasing heat and pressure
- This means that you should have a total of 7 components labeled on your model
- Each component must be present on your model and clearly labeled! Its location must also be correct.
- Be creative with your building materials but be aware that they should be sturdy and non-perishable. I don't want to place these models on display and have moldy core!
- Make sure that your model is clearly labeled with your name on it.
- Your reference sheet must have your name on it as well as all of the components listed above and their definitions. This should be typed, with Times New Roman font, size 12. You should also have 1 inch margins on your paper.
- Look at the grading criteria sheet as you are doing your project to make sure that you complete all that you need to.