**Layers of the Earth Model 4th 6 Weeks Extra Credit Project Due:2-7-2020 Worth 1 Major Grade of Extra Credit**

**Purpose:** Make a 3D Model of the layers of the earth

**Materials:** Be Creative! Recycled materials and other ideas are (cloth, paper, plastic bottles, etc…) encouraged to reduce cost and get extra credit. Common materials: Styrofoam ball, toothpicks, paper, and paint. You can go to your local craft store like Michaels.

**A. 3D MODEL:**

**10pts Extra Credit:** will be given for creating a fully recyclable project.

**Your Model must:**

* + - Be 3-dimensional (3D)
		- Have 4 main layers and additional layers
		- Be Neat, Complete, Creative, and Colorful

**B. LABELS:**

**All parts of the Project must be LABELED on the project**.

You **can use toothpick flags or some other creative way to label each part.**

1. **Crust**
2. **Inner Core**
3. **Outer core**
4. **Mantle**
5. **Continental Crust**
6. **Oceanic Crust**

**7. Lithosphere**

**8. Asthenosphere**

**9. Convection Currents in the Mantle**

**C. DESCRIPTIONS Key:**

The **Descriptions Key** must be an **attached piece** of the Project that includes a full description of the 4 main layers of the Earth. This can be a cardboard chart, index cards, Ribbon attached to the model, or some other creative idea for describing each layer. A plain paper key will not be acceptable.

**Descriptions of the 4 MAIN Layers should include:**

* + 1. Distance across (thickness)
		2. State of Matter: Solid, Liquid, or Semi-plastic
		3. Temperature
		4. Composition (What materials is it made of?)

**Multiple ideas can be found at** [**https://www.pinterest.com**](https://www.pinterest.com)

**Search under layers of Earth models**