## Student Sheet

## Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_

**Title**: Posters of Earth

**Purpose**: To learn about the different layers and spheres of the Earth.

**Materials**: Textbook, butcher paper, construction paper, markers, colored pencils, scissors, glue

**Prediction**: Where is the densest layer of the earth? Where are the hottest and the coolest places in Earth?

**Procedures**:

1. You may work on this project individually or in small groups of 2-3.

2. Read over the requirements and begin making your poster.

3. Be sure to include all requirements and create an appealing, colorful and unique poster.

4. Use your book as a resource.

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| Requirement | **Points**  **Possible** | **Points**  **Received** |
| Draw and label the inner and outer core, lithospere, asthenosphere, mantle, continental and oceanic crust, atmosphere, biosphere, geosphere and hydrosphere | 11 |  |
| Identify the state of matter of the inner core, outer core, asthenosphere, and lithosphere (solid, liquid, gas, plastic) | 4 |  |
| Label the relative density and temperature of the inner  core, outer core, asthenosphere, continental and oceanic  crust (highest density/temp -> lowest density/temp) | 10 |  |
| Identify where convection currents occur, what they are,  what they do, and why they happen | 8 |  |
| Colored | 11 |  |
| Neat and unique | 11 |  |
| Total | 55 |  |