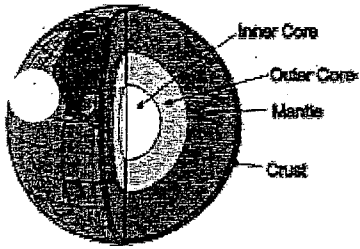


Name \_\_\_\_\_



State Standard 7.2.1: Describe how the earth is a layered structure composed of lithospheric plates, a mantle and a dense core.

### Earth's Layers

(50 points)

Introduction: The Earth is made up of 3 compositional layers and 5 physical layers. The compositional layers are identified by their chemical composition, and the physical layers are based on their physical properties.

Directions: In this activity, you will be drawing all 8 layers. You will be provided paper to draw your model of Earth. You will be using pages 262-266 in your textbook. Items that need to be included in your drawing are as follows:

#### Points Received

- Draw the three (3) compositional layers (3 pts.)
  - Include a short description of the location of each compositional layer (6 pts.) \_\_\_\_\_
  - Include three (3) characteristics of each compositional layer (9 pts.) \_\_\_\_\_
  
- Draw the five (5) physical layers (5pts.)
  - Include a short description of the location of each physical layer (10 pts.) \_\_\_\_\_
  - Include at least one characteristic of each physical layer (5 pts.) \_\_\_\_\_
  
- Use color to separate the layers! (3pts.) \_\_\_\_\_
  
- Answer the following questions on the back of your drawing using complete sentences:
  - Which layer generates Earth's magnetic field? (2 pts.) \_\_\_\_\_
  - Which two compositional layers are mainly involved in volcanic eruptions? (2 pts.) \_\_\_\_\_
  
- Neatness and grammar (5 pts.) \_\_\_\_\_

Total Points (50 pts.) \_\_\_\_\_