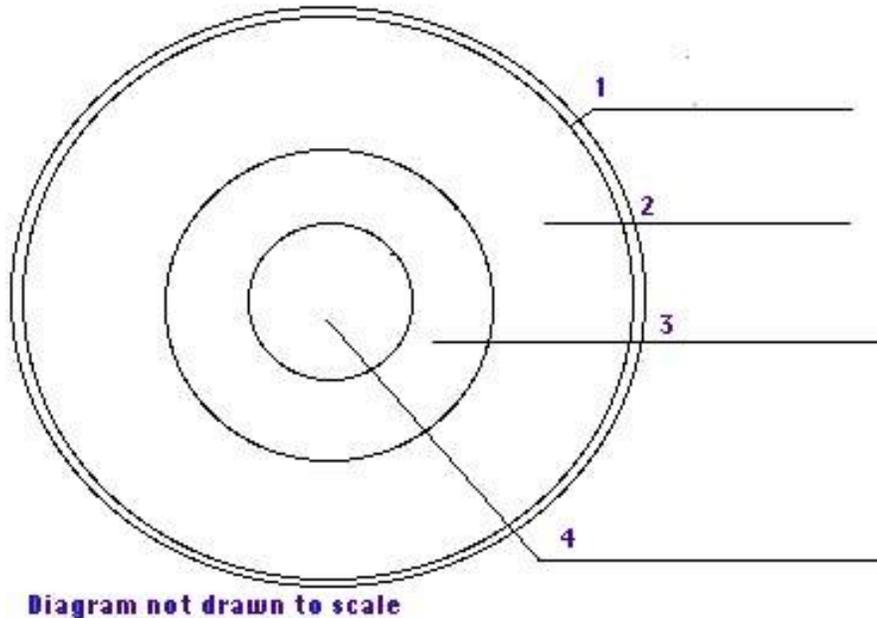


**\*\*Explore the following websites and answer the corresponding questions below to help you figure out what is so special about the structure of our Earth!\*\***

**Part I. The Layers of Earth :**

- **Structure of the Earth:** <http://volcano.oregonstate.edu/earths-layers-lesson-1>

**1. Label the layers of the Earth**



2. What causes the **mantle to “flow”**?

\_\_\_\_\_

3. What are the **two main metals that make up the Earth’s CORE**?

\_\_\_\_\_ and \_\_\_\_\_

4. Describe, in your own words, **how the earth’s layers were formed?** (see “The Four Layers”)

\_\_\_\_\_  
\_\_\_\_\_

- The **Crust and Lithosphere** (*Earth's Crust & the uppermost part of the Earth's Mantle*):
  - Use the following sites to help you understand the Crust and Lithosphere--  
<http://www.kids-fun-science.com/lithosphere.html>
  - [http://www.harcourtschool.com/activity/science\\_up\\_close/606/deploy/interface.html](http://www.harcourtschool.com/activity/science_up_close/606/deploy/interface.html)

1. **What is special about the Lithosphere?**

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2. Complete the following table:

<i><b>Types of Crust</b></i>	
<b>Oceanic</b>	<b>Continental</b>
Thickness:	Thickness:
Made of:	Made of:
VIP #1:	VIP #1
VIP #2:	VIP #2:

**Tectonic Plates:**

- <https://www.factmonster.com/dk/encyclopedia/science/plate-tectonics>

1. What are **tectonic plates**?

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2. What is something else that you learned from the sites that helps **you** understand what is special about the Earth's structure?

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**C.** Go to [www.universetoday.com/26717/earths-mantle/](http://www.universetoday.com/26717/earths-mantle/) to learn about what influence convection currents have on Earth. Read and answer the following questions.

1. Describe how **convection currents occur in Earth's mantle.**

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2. What is a **constructive force** caused by the convection in the mantle?

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3. What is a **destructive force** caused by the convection in the mantle?

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