

Earth's Layers Online Activity

<http://homepage.mac.com/cohora/ext/earthl.html>

Directions: Use the links provided to find the answers to the questions.

1. The planet we call Earth has how many layers? _____

Write them in order from the center to the outside of the planet.

2. Use this diagram to answer these questions:

Name the thickest layer _____

Name the thinnest layer _____

Write as a fraction the relationship of the thinnest layer to the thickest layer.

Calculated to challenge. Perhaps you have imagined digging a tunnel through the earth that comes out the other side. Figure it out ... How many miles would you have to dig?

3. Write 4 facts about the Earth's Crust.

a. _____

b. _____

c. _____

d. _____

4. The crust and the upper layer of the mantle together make up a zone of rigid, brittle rock called the _____

5. Write three facts about the Mantle.

a. _____

b. _____

c. _____

6. What are the Convection Currents? _____

7. Name two metals found in the Outer Core. _____

The border between the Outer core and the Inner Core is how many miles beneath the crust?

8. The Inner core is under so much pressure it does not move like a liquid, it _____.

Write the temperature of the center of the Earth. _____

9. A scientist who studies rocks is called a _____.

What does a Geomorphologist study? _____

Further explorations: Circle the one you do...

Volcano World

How Plates Move

EarthForce

Rocks

Earthquakes at USGS

Geoscience Career WebQuest!

Earth's Hazards