Inside the Earth

The composition of the Earth

How many layers is the Earth divided into?

Define compound –

Why are denser/heavier materials in the center of Earth?

The Crust

Define crust –

How thick is the crust?

The \_\_\_\_\_\_\_\_\_\_\_\_ is less than 1% of Earth’s \_\_\_\_\_\_\_\_\_\_\_\_ and is 5 to \_\_\_\_\_\_ km thick.

The Mantle

Define mantle –

Why have humans not reached the mantle?

Where can scientists study the rock from the mantle?

What does the mantle contain to make it denser than the crust?

The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is \_\_\_\_\_\_% of the Earth’s mass and is \_\_\_\_\_\_\_\_km thick.

The Core

Define core –

What two metals are believed to make up the core?

The \_\_\_\_\_\_\_\_\_\_\_ is \_\_\_\_\_\_% of Earth’s mass and has a radius of \_\_\_\_\_\_\_\_\_ km.

The Physical Structure of the Earth

Lithosphere – The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, rigid layer of the Earth. It is made of \_\_\_\_\_\_\_ parts, the \_\_\_\_\_\_\_\_\_\_ and the rigid upper part of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is divided into pieces called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

***On the back draw and label a diagram of the layers of the Earth. Be sure to include the lithosphere.***