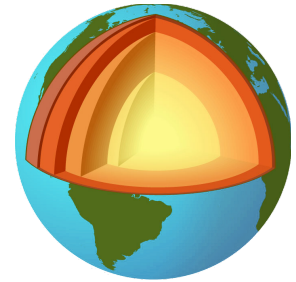


Ages: 5+

L is for... Layers of the earth



There are 3 layers that make up the earth: the crust, mantle, and core.

Core: The core consists of two layers: the inner core and outer core. When the earth formed all the heavy objects gravitated towards the center of the earth at the core.

The mantle: The mantle is made from molten iron, solid rocks, and minerals and is about 1800 miles thick. Within the mantle when there is disruption due to a rise in rocks from temperature, it can cause an earthquake or volcano.

The crust: Is the outer layer of the earth and it consists of rocks, mountains, water, and soil.

Experiment: Peel the onion-- Think of earth as an onion, as it has many layers to it.

Materials needed:

- Onion
- Toothpick
- Small piece of paper
- Tape

Based on the information we learned about the layers of the earth, you are going to peel and label the layers of earth on the onion. Use the toothpick



to mark what the layer is and some information about what that layer consists of using the paper and tape to secure it on the toothpick.

Job Exploration:

- Geologists
- Aerospace Engineer
- NASA

<https://www.coolkidfacts.com/layers-of-the-earth-for-kids/#:~:text=Layers%20of%20the%20Earth%20Facts%201%20The%20Core,of%20the%20Earth%E2%80%99s%20weight.%20...%203%20The%20Crus>