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4th hour Science

Section Summary

Inside the Earth

Earth has many different layers. **Earth’s layers** include the **crust**, **mantle**, and **core**.

The crust is the outermost layer, as well as the thinnest. The crust makes up the least amount of Earth’s mass compared to the other layers. The crust is the layer we live on. There are two different types of crust: Oceanic crust and Continental crust. **Oceanic crust** is similar to Basalt. Oceanic crust is thinner and has more density than the Continental crust, which is similar to granite. **Continental crust** is thicker but less dense.

The mantle is the layer between the core and crust. The mantle makes up most of Earth’s mass. The mantle is also the thickest layer. Scientists have not been able to drill into the mantle.

Finally, the core is the center of the Earth. The core makes up about a third of the Earth. Scientists think that the core is made up of iron and nickel.

These three layers (the crust, mantle, and core) are part of Earth’s **composition**, or makeup.