**Essay**

The Earth is composed of many things. The lightest materials are on the outside while the densest materials are on the inside. The first layer of the Earth is the crust. The crust is the thinnest and outermost layer of the earth that is 5-100 km thick.

There are 2 types of crust: continental crust and oceanic crust. Continental crust is thicker that oceanic crust but is less dense. Continental crust’s composition is similar to that of granite.

The other type of crust is oceanic crust. Oceanic crust is thinner but more dense that continental crust. Oceanic crust is composed of basalt.

The Mantle of the Earth lies beneath the crust. The mantle is the largest part of the Earth, roughly 66% of the Earth’s mass. The mantle is made of olivine. Though we have never drilled down far enough to see the mantle, we have seen rocks from the mantle that has been pushed up by the Earth’s plates.

The core of the Earth is in the very center. We must guess what the core is like because it is too deep for us to get to. We hypothesize that the core makes up 33% of the Earth and is made of common minerals, such as iron and magnesium. The core is also believed to be the hottest layer on the Earth.