

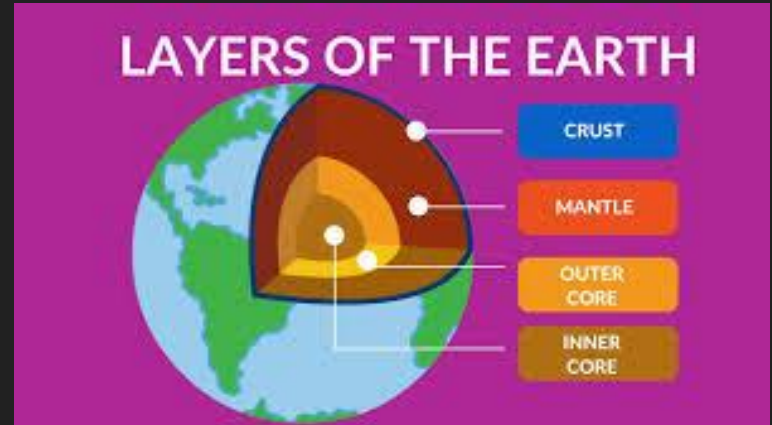
Inside our earth

By Oscar Vass

Inside the Earth are four layers:

The earth is like an onion and made up of layers. They are:

1. The crust
2. The mantle
3. The outer core
4. The inner core



THE CRUST

1. The crust is the outer solid layer and is where all life exists on earth's surface, including us, animals, mountains, sea and soil.
2. The crust is deepest in mountainous areas. It can be up to 70 km thick here.
3. When you look at it on a picture it looks really thin compared to the other layers, but don't worry, we won't be falling through it by accident anytime soon!!!!

THE MANTLE

1. The mantle has two sections.
2. The mantle is about 1,800 miles (2,900 km) thick.
3. It makes up about 85% of the Earth's weight.
4. The average temperature of the mantle is 3000 degrees celsius.
5. It is made of molten (melted) iron, minerals and other semi-solid rocks that can flow under pressure.

THE OUTER CORE

1. It is the only liquid layer, and is mainly made up of metals iron and nickel, as well as small amounts of other liquids.
2. The outer core spins around the inner core this process creates a magnetic centre.

THE INNER CORE

1. The inner core is a huge solid metal ball mainly made from iron.
2. It is believed to be just as hot as the sun's surface.
3. It spins faster than the surface of the Earth.