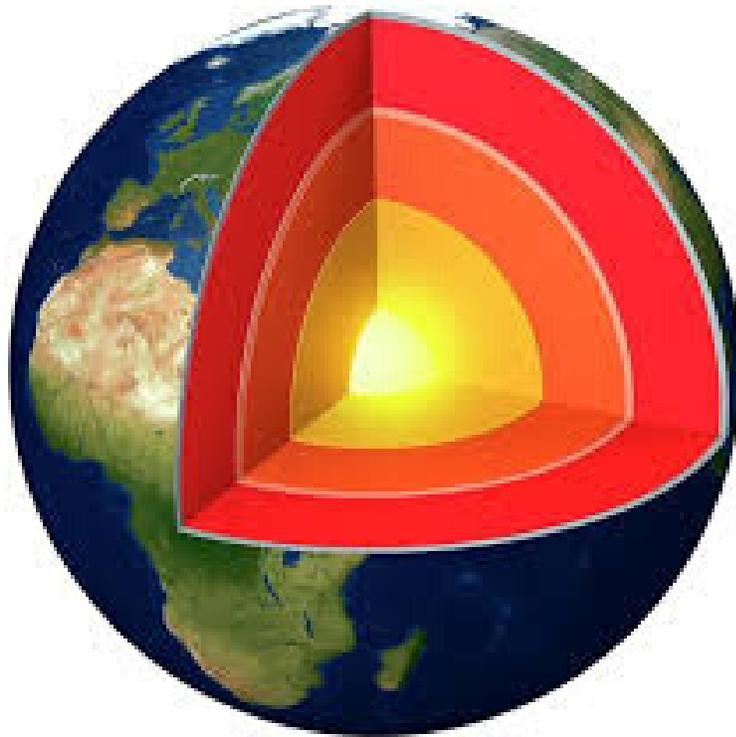




Revision Guides

STRUCTURE OF EARTH



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Hello

What do see when you go out for a walk?
You step on soil, Grass or stones!!

You might see a River, pond or mountain
or deserts Right?

Have you ever wonder what is
underneath your feet, under the soil?

Whats in there that you an not see?

Well All you see only the Earth's Outer
layer.

Lets take a Journey and dig deeper to
explore more about Earth and its
structure.

What is underneath your feet ?

The Earth is mostly made of rock and metal.

As scientists can't really get right to the middle of the earth, it's not easy for them to know what's way down in the middle.

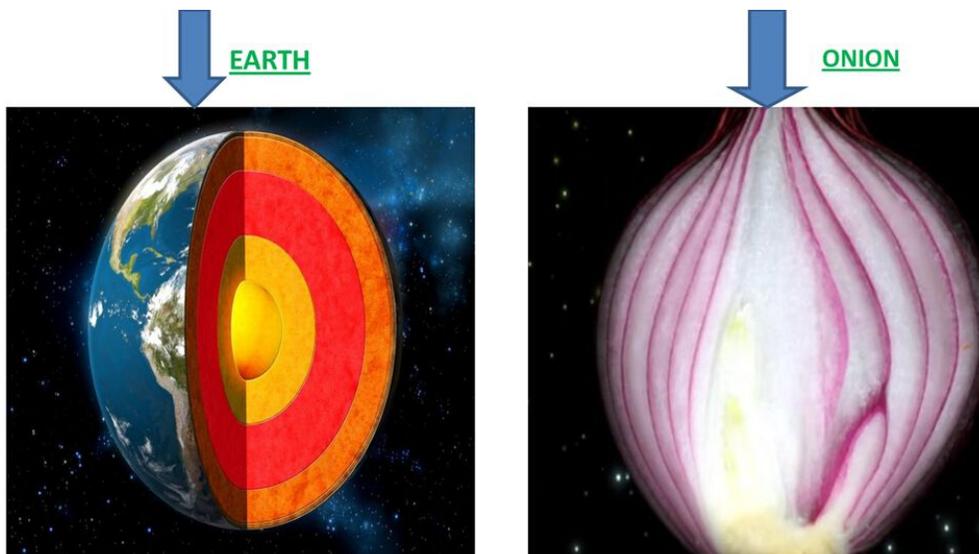


Compare Earth With An Onion !!

The **Earth** is not just one big ball that's solid throughout, although it might look that way!

But it is made up of **different layers**, a bit like an **onion**.

Each layer you peel off is made up of different things and they do different things too.



INTERIOR OF THE EARTH

Just like an onion, the Earth is made up of several concentric layers with one inside another.

Layers of Earth

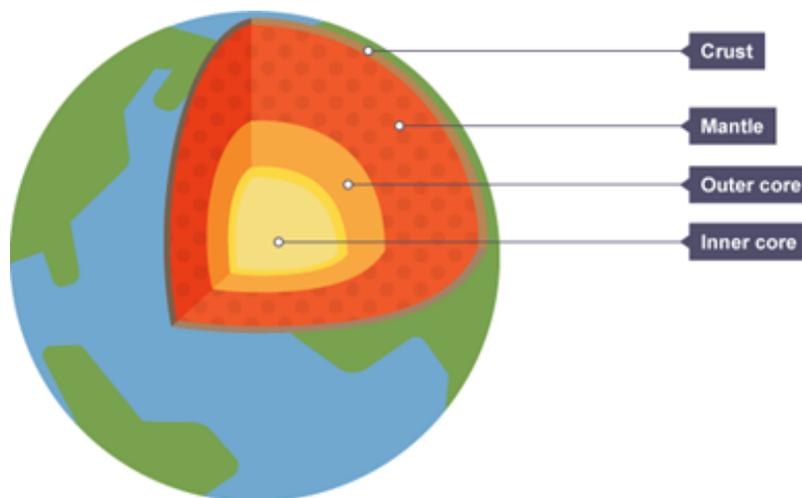
The Earth is almost a sphere. These are its main layers, starting with the outermost:

Crust - relatively thin and rocky

Mantle - has the properties of a solid, but can flow very slowly

Outer core - made from liquid nickel and iron

Inner core - made from solid nickel and iron



Interesting Facts

Crust is the only layer of earth that can be investigated by drilling into it. So we know way more about this layer than any of the others!

Mantle makes up about 85% of the Earth's weight. Wow! That's one heavy layer.

The temperature in the inner core is between 4,982° and 7,204 °C. That's seriously hot, and just as hot as the surface of the sun.

The Earth is magnetic because of the flow of metals in the inner core.

There's heaps of pressure in the inner core, and that means it actually can't melt. This is unbelievable!



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The Literacy Center is a 501(c)(3) non-profit organization dedicated to improving adult literacy and education, thereby strengthening our community.