

Wow!

Creating the layers of the Earth

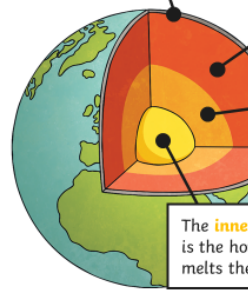
In Fishermen Class we have begun our new Geography topic, Extreme Earth. In the first lesson we learnt about the layers that make up the Earth's structure. The children labelled a diagram of the Earth and then created a plasticine model. The children were able to talk about the different layers and even describe the temperatures of each!

We learnt the names of each layer.

The children really enjoyed cutting into the Earth's core.

Layers of the Earth

The **crust** is the thin outer layer of cold, hard rock that covers the Earth. It is 10km-90km thick.



The **mantle** (extremely hot rock that often flows like treacle) is 3000km thick.

The **outer core** is mostly made up of iron, with some nickel. It is over 4000°C. It is mostly liquid with some rocky parts. The outer core moves around the inner core, creating the Earth's magnetism.

The **inner core**, which is made of iron and nickel, is the hottest layer of the Earth at over 5000°C. It melts the metals in the outer core to form magma.

