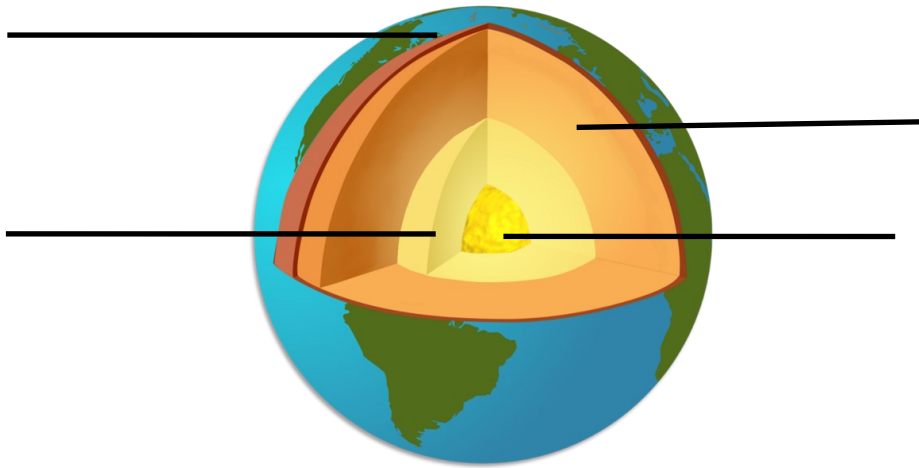


# Volcanoes and Earthquakes!

## The Earth has layers

Can you label the different layers of the Earth?



## Earthquakes in the UK

How many earthquakes happen in the UK every year?

\_\_\_\_\_

Challenge: What year did the UK have its largest earthquake?

\_\_\_\_\_

## Earthquakes!

What is the machine called that measures earthquakes?

\_\_\_\_\_

What are children in New Zealand taught to do if they feel an earthquake?

1.) \_\_\_\_\_ 2.) \_\_\_\_\_

3.) \_\_\_\_\_

## The Stages of a Volcano's Life

Active



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Erupted over 10,000 years ago but might erupt again one day

Extinct

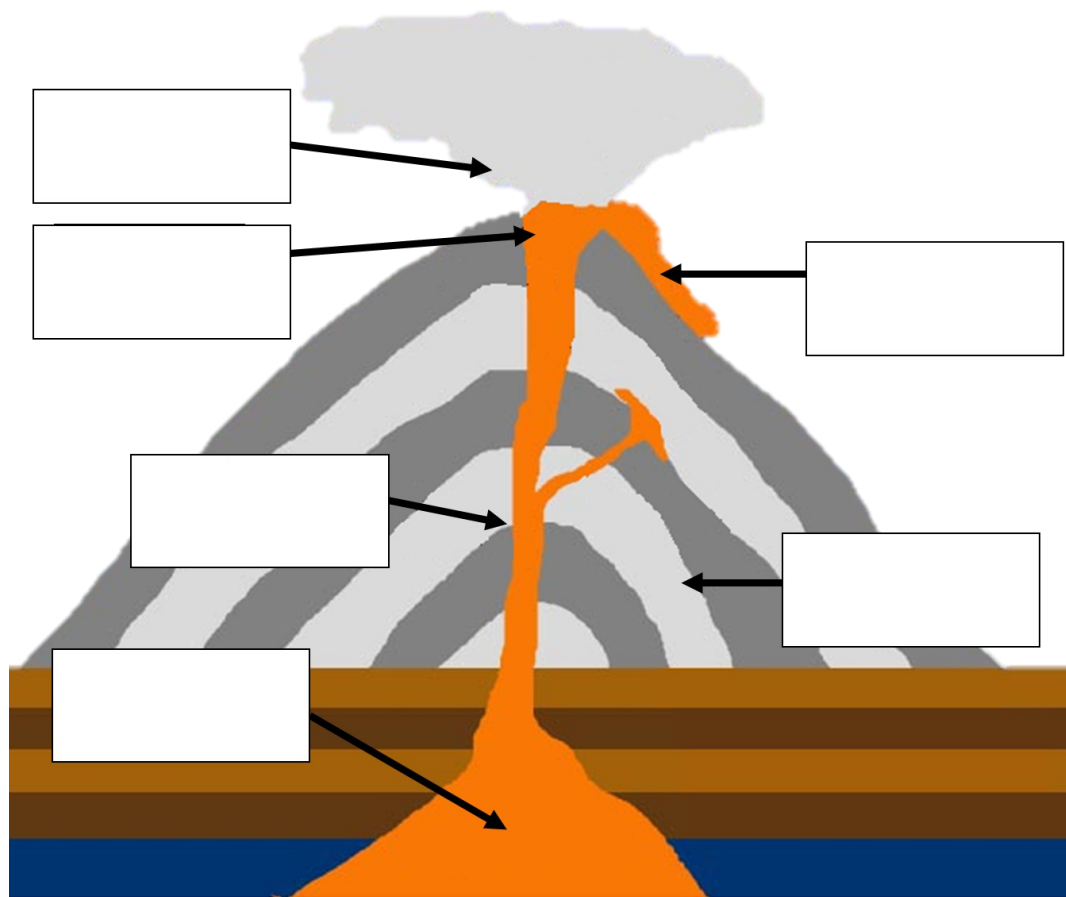


\_\_\_\_\_

\_\_\_\_\_

## Inside a volcano

Volcanoes are openings in the Earth's crust where magma, ash and gases escape. Can you label the different parts of the volcano?



## Volcanoes!

The list on the left are all things which come out of volcanoes. Can you match the name and description to the picture?

Obsidian



Made up of tiny, black rock fragments. Can stop planes flying

Ash clouds



Also called volcanic glass. Very smooth and shiny

Pyroclastic Flow



Rock with lots of air holes in from escaped gas

Pumice



Very hot mix of rock, gas and ash. It can move very quickly and is VERY dangerous.

Volcanic Bomb



Solid, round lava that erupts out of volcanoes. Can travel far