



Preston experienced an earthquake of 2.1 in 2019.

Mount Vesuvius, Italy. Biggest UK Earthquake Dogger Bank, North Sea (6.1)

Fuego Volcano, 2018

Mauna Kea, Hawaii.

1906 Fort Tejon (7.9)



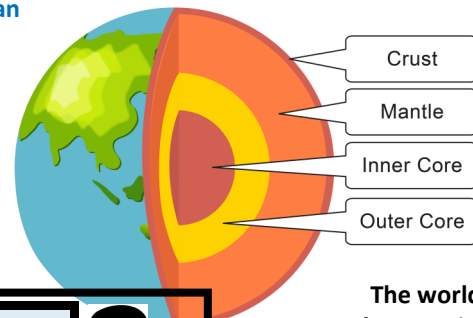
Locational Knowledge

Vocabulary you will know...	
<b>Tectonic plates</b>	The huge slabs of moving rocks which makes the Earth's Crust.
<b>Epi-centre</b>	The central point of an earthquake on the earth's surface.
<b>Magnitude</b>	How strong an earthquake is.
<b>Eruption</b>	An explosion of steam/lava from a volcano. This is caused by a build up of gas pressure.
<b>Lava (Magma)</b>	Molten rock flowing across (below) the surface of the Earth.

Vocabulary you will hear...	
Richter scale, plate boundaries, fault lines	

Tohoku, Japan (9.0)



Structure of the world

### Physical Features

**Volcano**

A volcano is an opening in the Earth's crust where lava can escape.

Movement of the tectonic plates causes volcanoes.

**Earthquakes**

An earthquake is a sudden violent shaking of the ground as a result of movement in the Earth's crust.

### Quiz Corner

- Can you name and locate at least 4 of the world's famous volcanoes?
- Do you know names and places of the most powerful earthquakes?
- What causes an earthquake?
- What are the different parts of a volcano?
- What are the advantages of living near a volcano?
- What are the disadvantages of living near an earthquake?

The world is made up of four layers. The crust is divided into tectonic plates. The continents and oceans sit on top of the tectonic plates.

