

What should I already know?

- The four countries of the United Kingdom and their capital cities.
- The seven continents and five oceans of the world.
- The location of some countries, including the UK and Spain.

What will I know by the end of the unit?

- Know what causes an earthquake
- Label the different parts of a volcano
- Know what a Tsunami is
- Know and locate places where earthquakes happen

Key Vocabulary

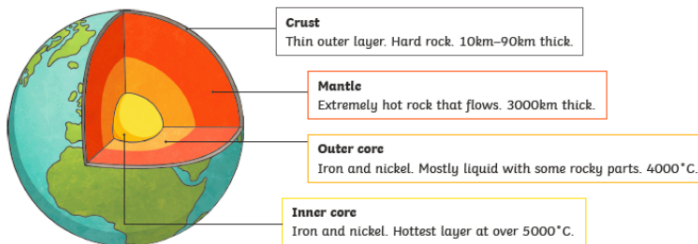
<b>cumulonimbus cloud</b>	Large thunderstorm clouds.
<b>erupt</b>	To suddenly burst out causing lava to explode out of the earth's surface.
<b>fossils</b>	The remains of plants or animals that lived a long time ago which can be found deep in the earth.
<b>magma</b>	Extremely hot, liquid rock.
<b>tectonic plates</b>	The earth's crust is made up of large areas called <b>tectonic plates</b> that join together.



Layers of Soil

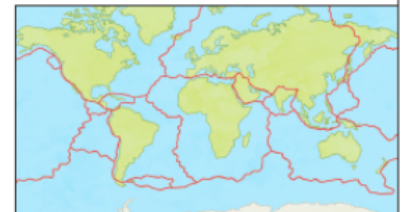
<b>humus</b>	Rotting dead leaves and animals.
<b>topsoil</b>	Plant's roots grow here. Very few rocks.
<b>subsoil</b>	Rocks and stones. Full of nutrients. Tree roots may reach. <b>Fossils</b> .
<b>bedrock</b>	A mass of rocks. <b>Fossils</b> .

Layers of Earth

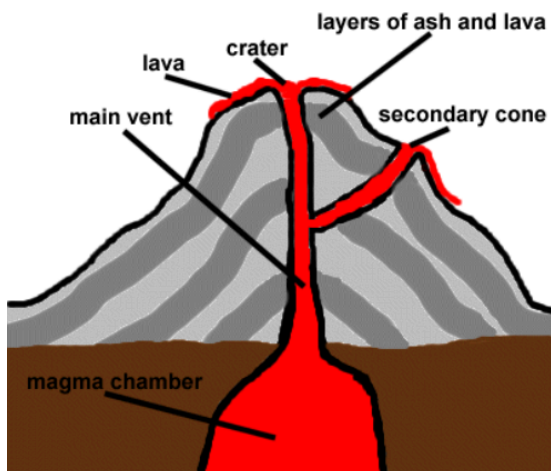


Earthquakes

- Earthquakes are caused when the earth's **tectonic plates** suddenly move.
- Most earthquakes occur near the **tectonic plate** boundaries.
- Earthquakes can cause lots of damage to roads, buildings and property.

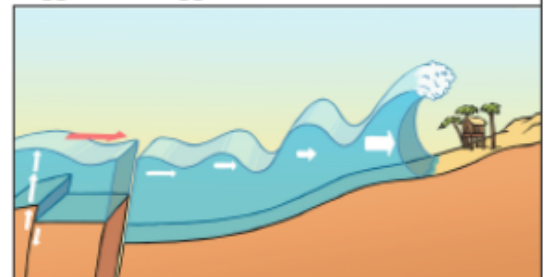


A simple cross section of a volcano



Tsunamis

- A tsunami is a giant wave caused by a huge earthquake under the ocean.
- The earthquake causes a large amount of water to be displaced very quickly causing a series of waves.
- As the waves travel through shallower water near land, they get bigger and bigger. The wave crashes onto the land causing devastation to buildings and sometimes even lives.



**Boarshaw Primary School - Topic**

**Topic: What makes the Earth angry?**

**Year: 3**

**Strand: Geography**