

Year 3

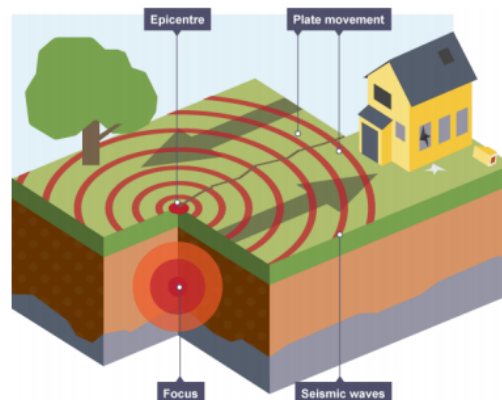
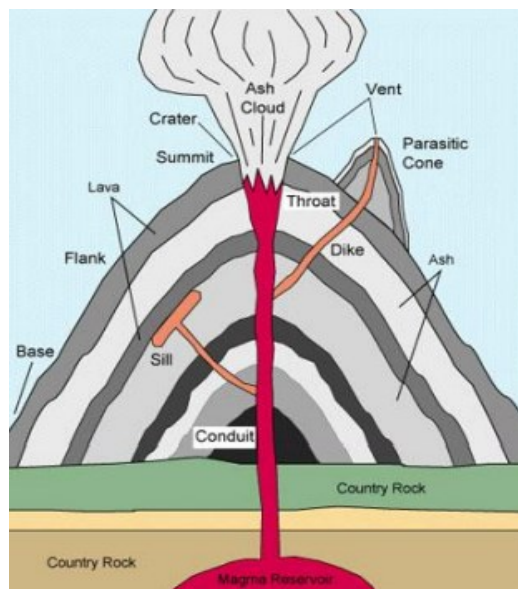
Geography: Earthquakes and Volcanoes

Learning to Recap:

- There are seven continents (Asia, Africa, Antarctica, Australasia (Oceania), Europe, North America and South America) and five oceans (Pacific, Atlantic, Indian, Southern and Arctic)
- Equator is an imaginary line around the middle of the Earth it splits the Earth into two hemispheres
- Countries closest to the equator experience the highest temperatures.

New Knowledge and Vocabulary

Volcano	a vent in the Earth's surface where lava, steam and ash is ejected during an eruption. Most volcanoes sit on the edge of continental plates.
Active volcano	A volcano that has erupted in the last 10,000 years and may still erupt. There are around 1,500 active volcanos on Earth
Dormant volcano	A volcano that has not erupted in the last 10,000 years but may still erupt
Extinct volcano	A volcano that has not erupted in the last 10,000 years and will not erupt again
Eruption	The ejection of rock and gas from a volcano
Lava	Molten hot, fluid rock that solidifies when it cools
Earthquake	Movements, fractions and vibrations in the Earth's surface cause by tectonic plates moving and pushing against each other
Tectonic plates	A massive slab of rock that floats on the Earth's mantle (inner layer). There are two types of plate: continental (land) and oceanic (sea floor)
Plate boundary	Where two tectonic plates meet
Richter scale	A scale that measures the force (magnitude) of an earthquake
Tsunami	A series of waves caused by the movement of tectonic plates below the surface
Volcanoes	Mount Vesuvius; Mount St Helens; Mount Loa; Eyjafjallajokull; Mount Etna
Earthquakes	Chile (1960); San Francisco (1906); Tokyo (1923); Sumatra (2004)



Because, but, therefore...

People should not be allowed to live near volcanoes because...

People should not be allowed to live near volcanoes but...

People should not be allowed to live near volcanoes therefore...

Application of knowledge

Explanation Text: How volcanoes erupt

Produce sketch maps and diagrams to help explain volcanic eruptions and earthquakes

Locate major volcanoes and sites of earthquakes on maps and aerial photos