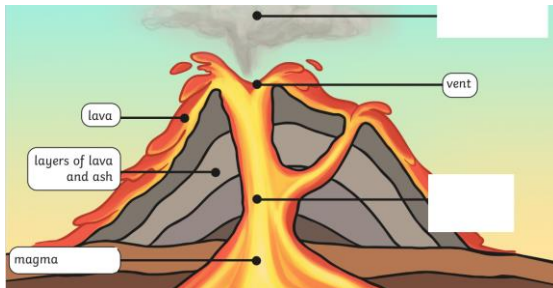


Key Diagrams



Key Information

When tectonic plates are being pushed apart, there is an opening in the Earth's crust which allows molten rock to escape.

When tectonic plates are being pushed together, one slides under the other, melts and rises to the surface again.

A volcano eruption is when hot molten rock, ash and gases escape from an opening in the earth's surface.

Most volcanic eruptions occur around the Pacific ocean. It is commonly known as "The ring of fire".

Positive effects of a volcano are; Fertile soil after an eruption and tourism.

Negative effects of a volcano are; they are dangerous. They can kill people and damage property and habitats.

Vocabulary

<b>Tectonic plates</b>	huge slabs of rock that make up the earth's crust
<b>Mantle</b>	the mantle lies between the crust and the core. It contains magma
<b>Core</b>	Centre of the Earth which is the hottest
<b>Crust</b>	this is the solid shell of the planet made of rocks
<b>Lava</b>	this is molten rock that has erupted from volcano
<b>Vent</b>	openings in the crust where lava escapes
<b>Magma</b>	semi-fluid rock below the earth's surface with comes lava when it erupts
<b>Active volcano</b>	it has had a recent eruption and is likely to erupt again.
<b>Dormant volcano</b>	these have erupted before but a long time ago and are likely to erupt again.
<b>Extinct volcano</b>	it has not erupted for 10,000 years and is not expected to erupt again.