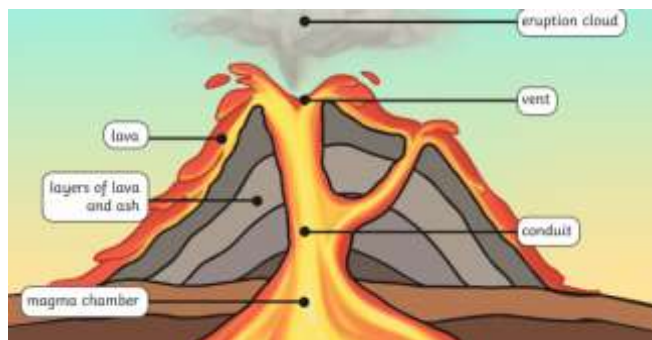


Key Diagrams



Tectonic plates

Key Information	
Ring of fire	An area around the Pacific Ocean with lots of earthquakes and volcanoes
Earthquakes	When tectonic plates slip and slide under and passed each other the ground shakes violently
Volcanoes	Pressure from inside the earth builds up an magma is forced out of the Earth as lava
Tsunami	These happen with earthquakes happen at sea. The shockwaves produce huge tsunami waves.
Most recorded earthquakes	The most recorded earthquakes are in Japan.
Mount Vesuvius	This is a volcano in Italy.

Vocabulary	
Richter scale	a scale used to measure the strength of an earthquake
Tectonic plates	huge slabs of rock that make up the earth's crust
Plate boundaries	the edges of tectonic plates
Mantle	the mantle lies between the crust and the core. It contains magma
Outer core	this is a liquid layer above the inner core and below the mantle.
Inner core	this is at the centre of the earth and is made of solid metal.
Crust	this is the solid shell of the planet made of rocks
Lava	this is molten rock that has erupted from volcano
Vent	openings in the crust where lava escapes
Magma chamber	a large pool of liquid rock below the earth's surface
Magma	semi-fluid rock below the earth's surface with comes lava when it erupts
Conduit	the path way through the heart of a volcano where the magma flows from beneath the surface
Eruption	when magma is released from a volcano
Epicentre	the point on the earth's surface directly above the focus of an earthquake
Active volcano	it has had a recent eruption and is likely to erupt again.
Dormant volcano	these have erupted before but a long time ago and are likely to erupt again.
Extinct volcano	it has not erupted for 10,000 years and is not expected to erupt again.

