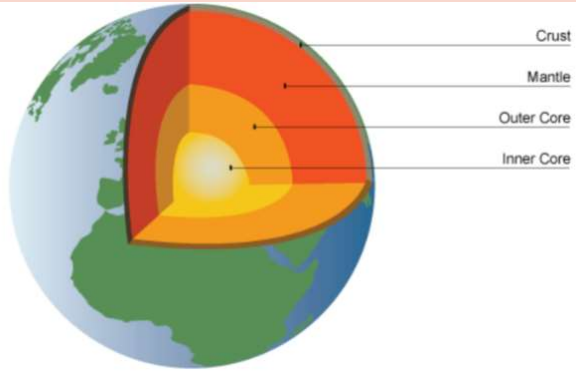




Inside the Earth

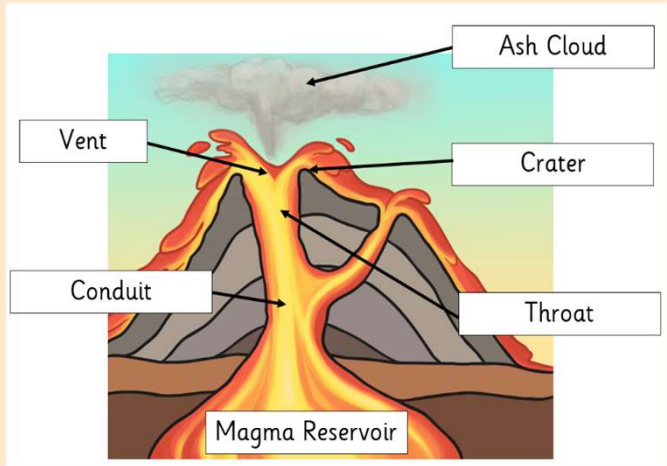


1	<b>Crust</b>	The thin outer layer where we live
2	<b>Tectonic plates</b> (Tec-ton-ick)	Slow moving sections of the crust
3	<b>Mantle</b>	Thicker layer made up of rocks
4	<b>Outer Core</b>	Very hot liquid iron and nickel
5	<b>Inner Core</b>	Very hot solid iron and nickel

Vocabulary

1	<b>Ash</b>	Small pieces of rock blown from a volcano
2	<b>Magma</b>	Liquid rock <i>under</i> the Earth's surface
3	<b>Lava</b>	Liquid rock <i>above</i> the Earth's surface
4	<b>Eruption</b>	When a volcano explodes

Parts of a Volcano



1	<b>Ash Cloud</b>	Cloud of ash
2	<b>Vent</b>	Hole in the top
3	<b>Crater</b>	The land around the vent
4	<b>Throat</b>	Entrance
5	<b>Conduit</b> (Con-joo-it)	Passage for magma
6	<b>Magma Reservoir</b> (Mag-ma Res-er-vwar)	Underground pool of magma

Volcanic Activity

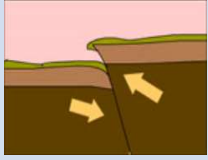
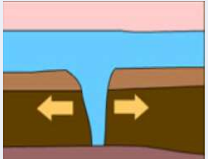
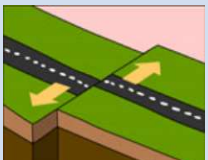
1	<b>Active</b>		Has erupted in the last 10,000 years
2	<b>Dormant</b>		Has not erupted in the last 10,000 years
3	<b>Extinct</b>		Not active at the moment

The Ring of Fire

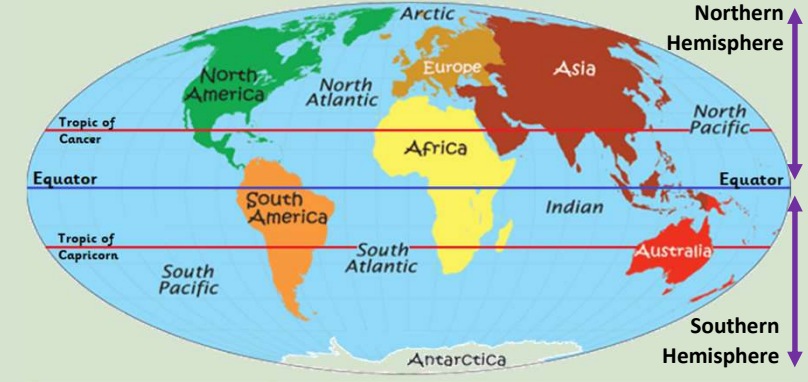
	1	around the Pacific Ocean
	2	most volcanoes are here
	3	caused by moving tectonic plates



How do Tectonic Plates move?

1	<b>Convergent</b> (Con-ver-jent)		One plate is pushed under another plate.
2	<b>Divergent</b> (Di-ver-jent)		Plates move away from each other.
3	<b>Transform</b>		Plates slide past each other.

Lines of Latitude



1	<b>Latitude</b>	Horizontal lines on a map
2	<b>Hemisphere</b> (Hem-i-sfeer)	Half of the globe
3	<b>Tropic of Cancer</b>	Latitude line in Northern Hemisphere
4	<b>Equator</b> (Ee-kway-ter)	Latitude line around the middle of the Earth
5	<b>Tropic of Capricorn</b>	Latitude line in Southern Hemisphere

Vocabulary

1	<b>Earthquake</b>	Sudden shaking of the ground
2	<b>Tsunami</b> (soo-nah-mee)	Large wave caused by underwater earthquake
3	<b>Fault</b>	A break in the crust
4	<b>Richter Scale</b> (Rick-ter)	Scale to measure the <b>strength</b> of an earthquake
5	<b>Epicentre</b> (Ep-ee-sen-ter)	Where the earthquake starts