



# Year 9 Geography – Plate Tectonics

Key Word	Definition
Dormant volcano	A volcano that has erupted in the last 2,000 years but not recently
Extinct Volcano	A volcano that is not expected to erupt again
Active volcano	A volcano that has erupted recently and is expected to erupt again
Epicentre	The point on the earth's surface immediately above the centre of an earthquake
Magma	Molten rock below the Earth's surface
Lava	Molten rock that flows from the crater of an active volcano
Plate boundary	The place where plates meet on the earth's surface and where most of the world's earthquakes and volcanic eruptions occur
Ring of fire	A circle of active volcanoes around the edge of the Pacific Ocean

Key Concepts and Questions
The theory of plate tectonics
How do we measure earthquakes?
Why do people live in tectonically active areas?
What happens when a volcano erupts?
Predicting and preventing earthquakes and volcanoes
Indian Ocean tsunami
Japanese tsunami



Useful web link
<a href="http://www.coolgeography.co.uk">http://www.coolgeography.co.uk</a>



Did you know?
Mount Everest, the tallest mountain in the world was once at the bottom of the Paleo Tethys Sea – climbers have found fossils of ancient sea creatures!