

# Geography - Active Planet

Lower Juniors

Spring 1 and 2

FIT Curriculum Links



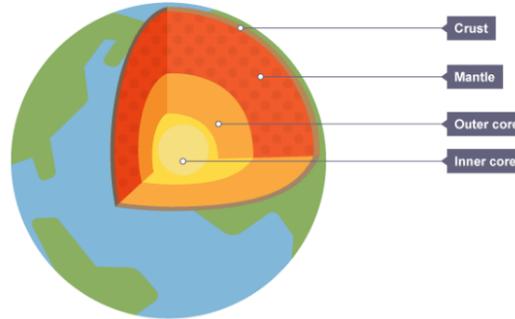
WORLD WORKOUT - to learn about a variety of natural disasters including how they occur and the physical and human impacts they have.

## Expert Vocabulary

Crust	Thin shell on the outside of the Earth.
Mantle	Thick layer of rock which makes up the majority of the inside planet Earth.
Outer core	Fluid layer that is largely made up of iron and nickel.
Inner core	The innermost layer of the Earth and is a solid ball.
Tectonic plates	Massive, irregularly shaped slab of rocks which fit together like a jigsaw.
Volcano	A rupture in the Earth's crust.
Earthquake	A sudden, violent shaking of the ground.
Tsunami	A long, high sea wave caused by an earthquake or

## Very Important Information

Our Earth is the shape of a sphere and is made up of 4 parts.

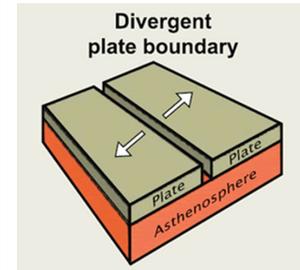


The Earth's crust is made up of tectonic plates which fit together like a jigsaw puzzle.



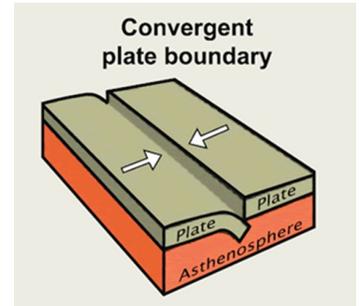
## Very Important Information

There are 3 types of tectonic plate which vary in the way they come together and move.

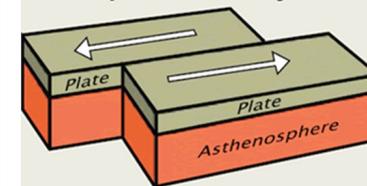


When a plate boundary moves away from each other.

When 2 plates come together and 1 is forced under another.



### Transform fault plate boundary



Where 2 plates rub together.

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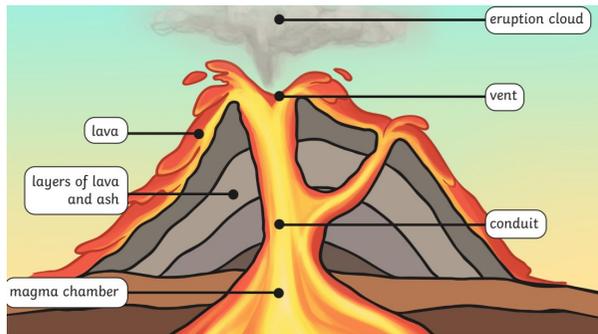
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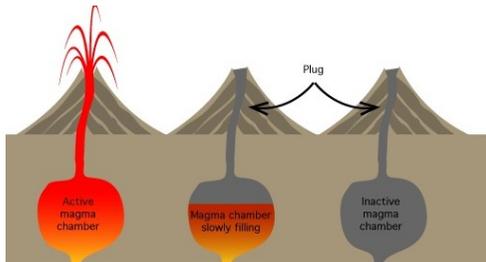


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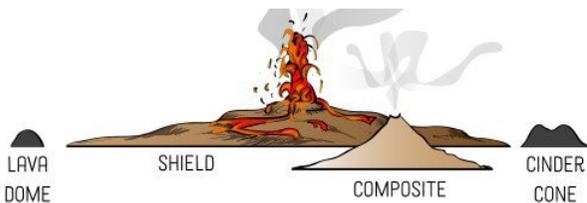
## Volcanoes



There are 3 types of volcano: active, extinct and dormant.

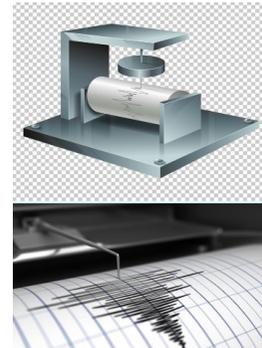


Volcanoes form one of 4 different shapes once they have erupted.



## Earthquakes

Earthquakes usually happen along the edge of tectonic plates.



Earthquakes vary in strength. Their strength is measured using a seismograph.

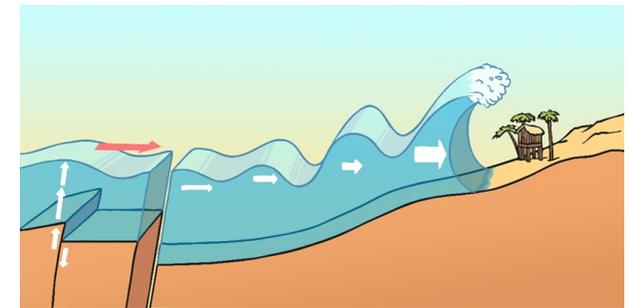


The seismograph records the strength using the Richter Scale.

The scale ranges from not noticing an earthquake has occurred to huge amounts of devastation and destruction.

## Tsunamis

A tsunami is long, high sea wave caused by an earthquake or other disturbance.



- 1) The earthquake causes a large amount of water to be displaced very quickly.
- 2) A series of waves travel through the deep water.
- 3) As the waves travel through shallower water near the land, they get bigger.