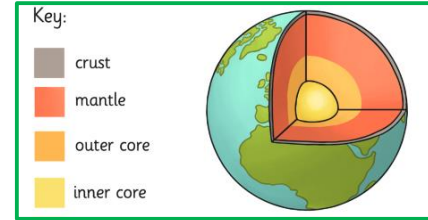


# Year 6 - Spring - Extreme Earth

This is a Geography topic. We will be working as Geographers.

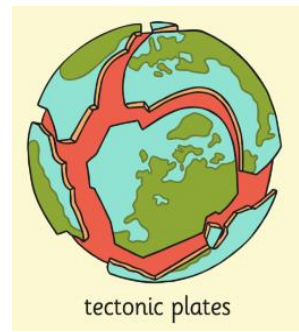
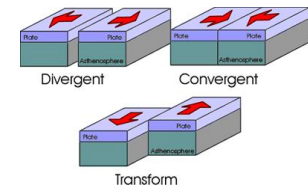


Key Vocabulary	Definition
active volcano	A volcano that has had at least one eruption during the past 10,000 years.
aftershock	A smaller earthquake that follows a larger earthquake in the same area.
Conduit	The pipe that carries magma from the magma chamber, up through the volcano until it reaches the vent
cone	A triangle-shaped hill formed as material from volcanic eruptions piles up around the volcanic vent
crust	The outermost solid shell of the Earth.
dormant volcano	An active volcano that is not erupting, but is expected to erupt again.
extinct volcano	A volcano which has not erupted in the past 10,000 years and considered by scientists unlikely to erupt again. (Also: no longer near an active geologic hot spot).
lava	Hot molten or semi-fluid rock <b>erupted from a volcano</b> or fissure, or solid rock resulting from cooling of this.
lava flow	Streams of molten rock that pour or ooze from an erupting vent. Lava is erupted during either nonexplosive activity or explosive lava fountains
magma	Hot fluid or semi-fluid material <b>below or within the Earth's crust</b> from which lava is formed.
mantle	The layer of rock inside the Earth between the core and crust (the thickest layer of the earth).
mountain range	A series of mountains or hills ranged in a line and connected by high ground.
peak/summit	The highest point of a hill or mountain.
Pyroclastic flow	A fast-moving current of solidified lava, pumice, ash and volcanic gases, including sulphur.
Vent	An opening in the Earth's surface that allows volcanic material to erupt from within.



Tectonic plates move as the hot mantle flows beneath them. The movement of the plates can cause earthquakes, the formation of mountains and volcanic eruptions.

The Earth is made up of layers. The outer layer (crust) is made of large slabs of rock called tectonic plates.



Cross section of an erupting volcano.

The World's Seven Summits (the highest peaks on each continent)

