



## Key Vocabulary

**Natural Disaster** – A natural event that causes damage or loss of life

**Core** - the centre of the Earth

**Mantle** – the Earth's interior between the crust and the core

**Crust** - a hard outer layer of Earth

**Tectonic plates** – are pieces of the earths crust

**Magma** Molten rock under the Earth's crust

**Lava** Molten rock that reaches the surface

**Richter scale** – is used to measure/record the power of an earthquake

**Seismologists** – Scientists who study earthquakes

**Latitude and Longitude** Coordinates that help position where you on earth in relation to the Equator.

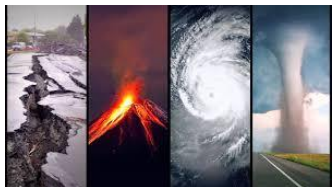
**Hemisphere** Half of the Earth, you have the northern and southern hemisphere

**Habitat** A natural home or environment

**Pyroclastic flows** fast moving clouds of hot ash, gas and rocks

**Ash clouds** small pieces of rock and glass that are carried in the air

**Volcanic bombs** large bits of very hot rock thrown out of the volcano



Most volcanoes are found in the Pacific Ring of Fire

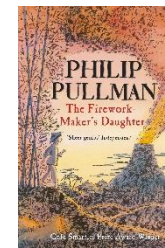
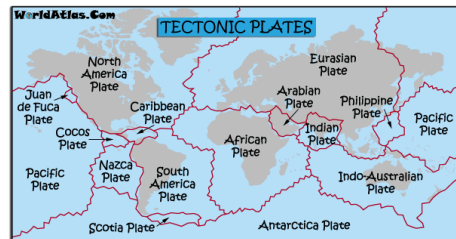
## Geographical knowledge and skills

- When pressure builds up under the Earth, gases and molten rock find their way up to the surface, an eruption occurs
- After several eruptions a volcano occurs
- Volcanos can be defined as Active, Extinct or Dormant
- Most Volcanic eruptions are due to the movement of the tectonic plates
- An earthquake is the shaking of the Earth's crust due to movement of the tectonic plates creating energy which is released in a shock wave
- If the Earthquake is beneath the ocean it can create a huge tidal wave, called a tsunami.

## Scientific knowledge

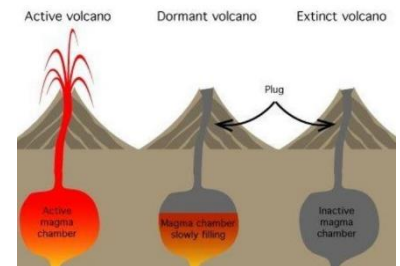
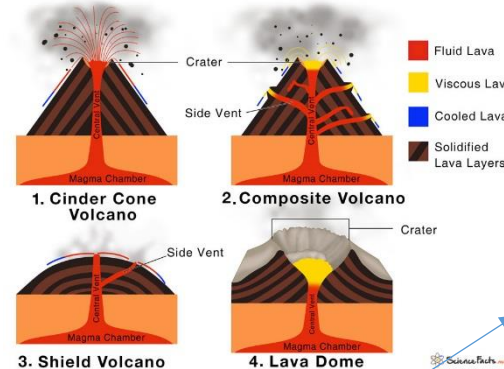
- After natural disasters environments can change significantly and this can be dangerous for living things – loss of habitat and food chains being effected.

# Angry Planet Kingfishers: Natural Disasters



The 5 largest volcanoes are;  
Tamu Massif  
Kilimanjaro  
Mauna Loa  
Ichinsky  
Sierra Negra

## TYPES OF VOLCANOES



Cross section of a Volcano

