



# Geography – Natural Disasters



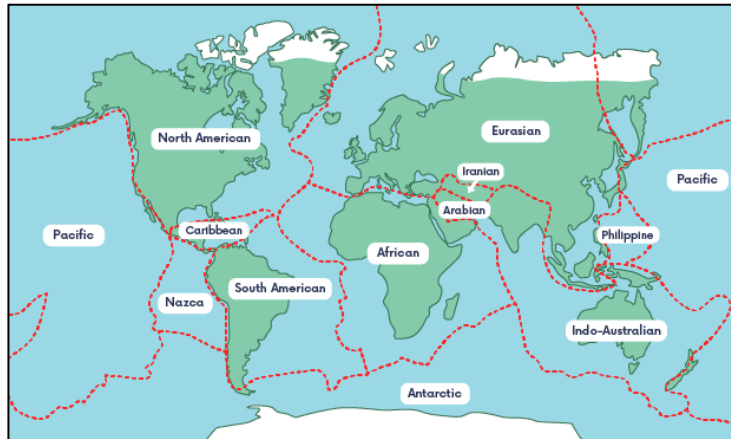
Physical Geography – Understand how natural processes cause change over time including understanding scale.

## Vocabulary

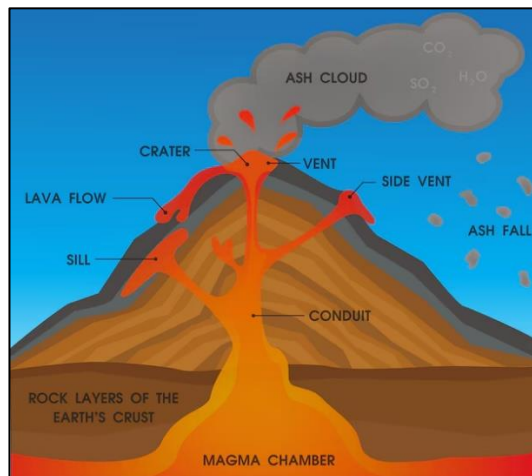
- **Magma:** Hot, melted rock found under the Earth's surface.
- **Epicentre:** The point on the Earth's surface directly above where an earthquake starts.
- **Eruption:** When magma, gas, and ash come out of a volcano.
- **Hurricane:** A powerful storm with strong winds and heavy rain that forms over warm oceans.
- **Tectonic Plates:** Large pieces of the Earth's crust that move and cause earthquakes and volcanoes.

## Tectonic Plates

The Earth's crust isn't one solid layer. It is broken up into huge areas called tectonic plates that float on top of the magma. Eruptions and earthquakes occur due to sudden movement at tectonic plate boundaries.



## Volcano



## Key volcanic places:

**Pacific Ocean Ring of Fire** - is a major area in the basin of the Pacific Ocean where many earthquakes and volcanic eruptions occur



**Mount Etna** - an active stratovolcano on the east coast of Sicily, Italy



**Mount Vesuvius** - a volcano located on the Gulf of Naples, Italy. Best known for its eruption of 70 CE where it buried entire cities including Pompeii.



## Earthquake

