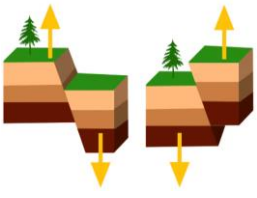
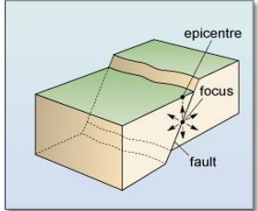

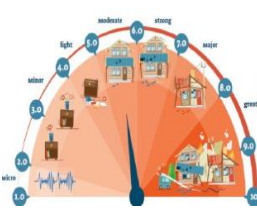





# “How Have Natural Disasters Shaped Our World? (Geography)”

## Vocabulary

earthquake	epicentre	mountain	magnitude	hypothesise	tectonic plates	volcano
						
Shaking of the surface of the Earth.	Above the point an earthquake starts.	Areas of rocky land that rise above the ground.	Force of an earthquake.	Give a possible explanation.	Huge moving sections of the Earth's crust.	Openings in the Earth's crust.

## Important People

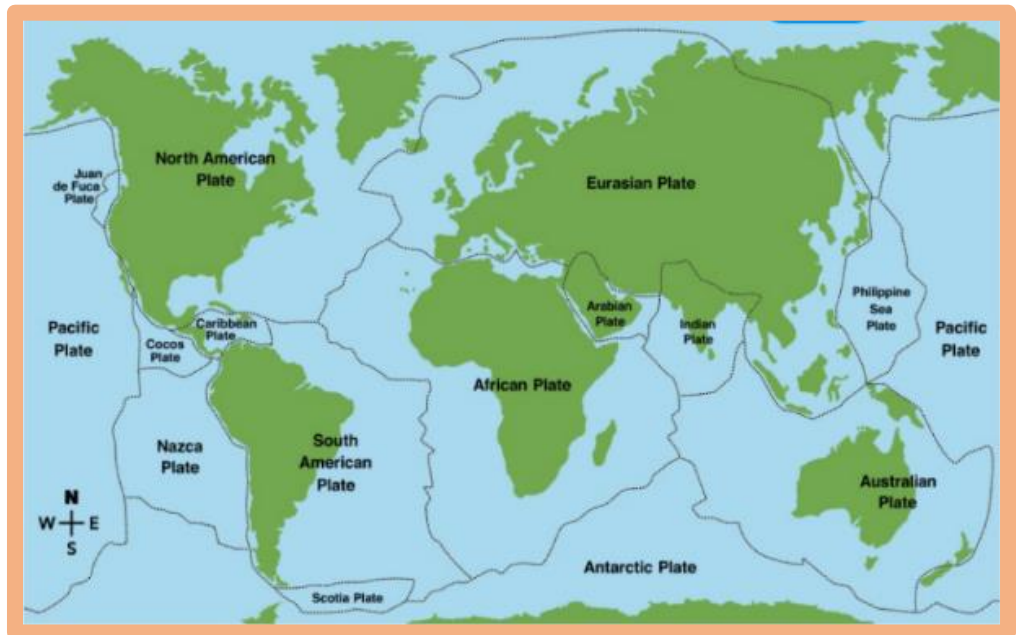
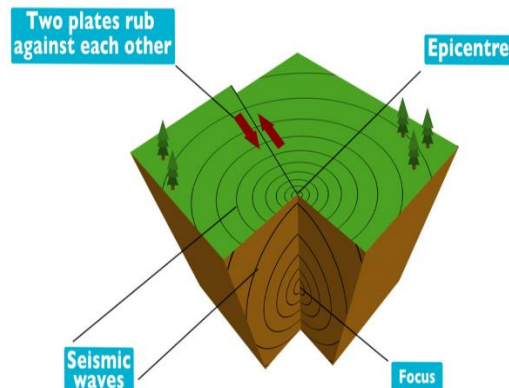
Charles Francis Richter  
(1900 – 1985)



- American **seismologist** (someone who studies **earthquakes**).
- Created a scientific way for measuring the **size of earthquakes- The Richter Scale of Magnitude**.

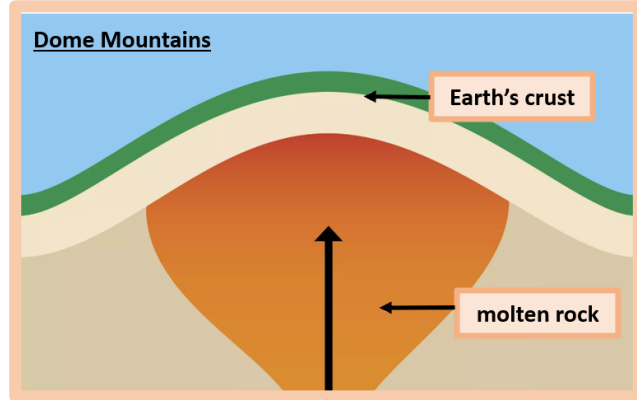
## Big Ws: Earthquakes

- **Tectonic plates** either **pull apart**, **push together** or **slide sideways** past each other.
- **Pressure builds up** setting off an earthquake.
- Sometimes earthquakes are set off by **volcanic eruptions**.



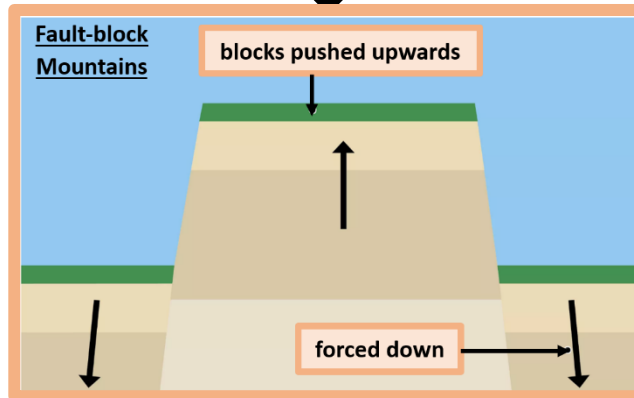
- **Plates** in the **Earth's crust** slowly **move** and **interact**.
- This produces **earthquakes**, **mountains** and **volcanoes**.

## Big Ws: Mountains

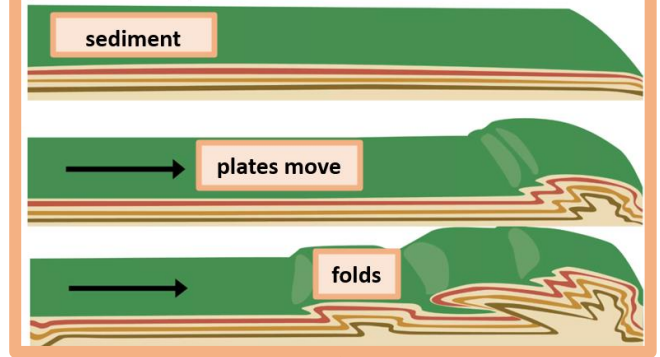


Formed when **molten rock rises** under the Earth's crust. This **pushes the rock upwards** forming a dome.

Formed when the **Earth's crust cracks** and **some of the land breaks off**. The **blocks pushed upwards** form mountains.



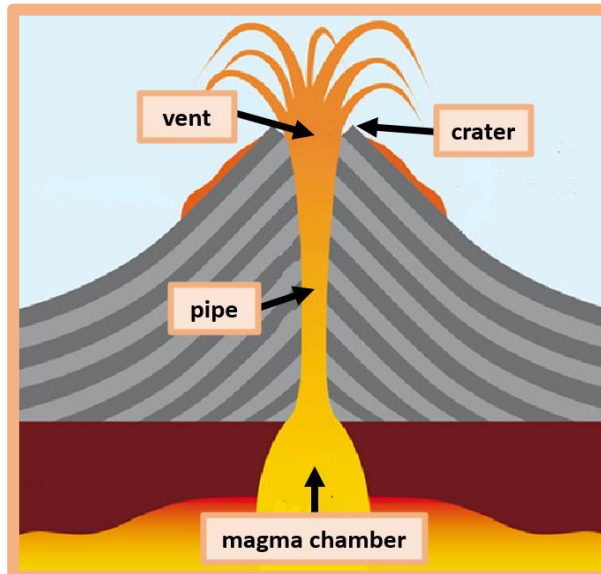
## Fold Mountains



The **most common** type of mountain. Formed when **tectonic plates push forward slowly** over many years.

## Big Ws: Volcanoes

- **Rock** below the Earth's surface forms **magma**.
- **Pressure rises** causing a **hole** in the crust.
- **Hot melted rock, ash** and **gas escapes**.
- **Active** volcanoes have erupted **recently**.
- **Dormant** volcanoes have erupted in the **last 2000 years**.



## Big Ws: Pompeii

- Happened in **AD79**.
- City was **buried under volcanic ash and rock** following the eruption of **Mount Vesuvius**.

