

# Is The Earth Violent?

## Knowledge Organiser

### Key knowledge

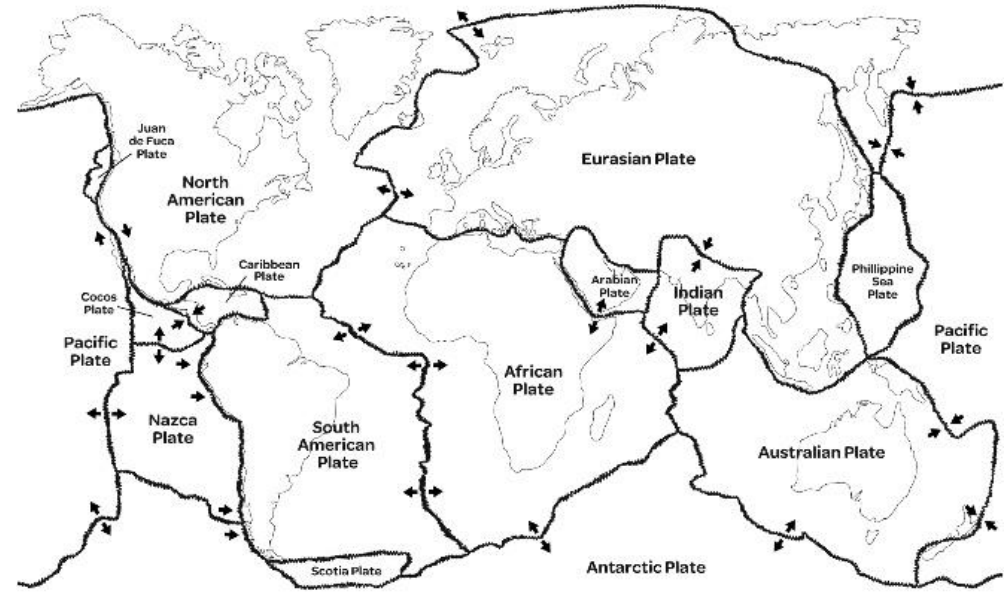
- The Earth is made up of layers. The top layer, the Earth's crust, consists of large slabs of rocks, called plates.
- The plates move as the hot mantle flows beneath them. The movement of the plates causes earthquakes and leads to volcanoes erupting.
- Earthquakes are measured on the Richter scale, They can cause devastating damage to buildings, roads and land.
- When volcanoes erupt, they spew out lava. This is a very hot liquid that destroy anything in its path.

### Glossary

**dormant:** a dormant volcano is a volcano, like Kilimanjaro, that has not erupted for a long time

**epicentre:** where an earthquake starts and is felt most strongly

**tsunami:** a huge, powerful wave caused by an earthquake



### Key facts

#### Famous volcanoes:

Soufrière (St Lucia, North America), Eyjafjallajökul (Iceland, Europe), Popocatepetl (Mexico, North America), Vesuvius (Italy, Europe), St Helens (USA, North America), Etna (Italy, Europe).

Place names	Geographical terms and processes	Locational terms
Mount Vesuvius	crater	epicentre
Haiti	disaster	plate boundary
Iceland	dormant	
Japan	eruption	
Mauna Loa	magma	
Pacific Ring of Fire	tsunami	

### What will we be learning?

- The structure of the Earth.
- Features of a volcano.
- Famous volcanoes and earthquakes.
- Effects of volcanoes and earthquakes.
- Preparing for an earthquake.
- What it's like living near a volcano.

### Did you know?

Volcano comes from the Roman word 'Vulcan' which is the name of the Roman God of fire!