



Year 5 - Autumn 2

## Topic title- Tremors

Topic Focus- Geography and Science focussing on rocks, volcanoes and earthquakes across the world.

This is the knowledge organiser for our topic. It includes all the learning outcomes, key facts and vocabulary. Please share this with your child to help them develop their knowledge and understanding of our topic.

### Key facts

**Volcanoes-** When a volcano erupts, liquid magma collects in an underground magma chamber.

**Stone Age** – this is a period of history which spans for over 3 million years.

**Fossils** - It takes at least 10,000 years for a fossil to form.

**Earthquakes-** An earthquake happens when two tectonic plates move along a fault line.

There are three types of rocks:

Metamorphic

Igneous

Sedimentary

### Key vocabulary:

**Epicentre**

**Fault line**

**Pumice stone**

**Magma**

**Volcanic ash**

**Seismometer**

**Richter Scale**

**Vent**

**Stone age**

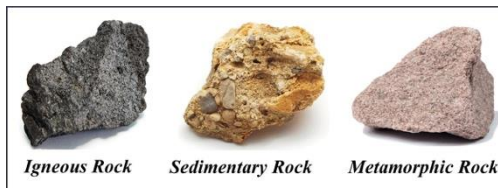


**Mount Vesuvius**

**Tsunamis-** Volcanic eruptions or earthquakes under the sea can cause large waves called tsunamis.

Mount Vesuvius in Italy erupted in AD 79, covering the Roman town of Pompeii with volcanic ash.

**Natural disasters-** large earthquakes, volcanic eruptions and tsunamis are known as natural disasters because they are caused by nature.



*Igneous Rock*

*Sedimentary Rock*

*Metamorphic Rock*

### **Did you know?**

Stone age people were originally hunter gatherers.