

Making Links to previous learning

Name and locate the world's seven continents and five oceans.

Key Vocabulary

erupt

To suddenly burst out causing lava to explode out of the earth's surface.

magma

Extremely hot, liquid rock.

tectonic plates

The earth's crust is made up of large areas called tectonic plates that join together.

solid

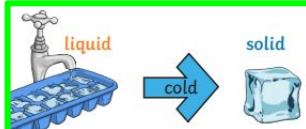
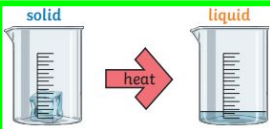
These are materials that keep their shape unless a force is applied to them.

liquid

Liquids take the shape of their container.

gas

Gases can spread out to completely fill the container or room they are in.



Natural Disasters Sheet 1

What are Natural Disasters?

A violent event that is outside the control of humans. They are caused by the forces of nature and may result in loss of life, injury and damage to property.

Volcanoes

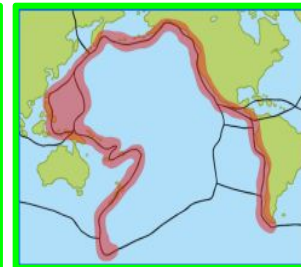
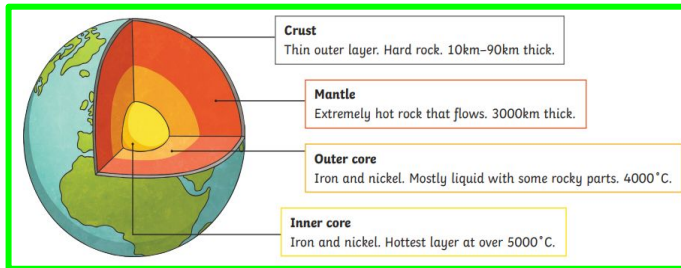
- Volcanoes are made when pressure builds up inside the Earth. This affects the Earth's crust causing magma to sometimes erupt through it.
- There are 3 types of volcano.

Earthquakes

- Earthquakes are caused when the Earth's tectonic plates suddenly move.
- Most earthquakes occur near tectonic plate boundaries.
- Earthquakes can cause lots of damage to roads, buildings and properties.

The Ring-of-Fire

This is a horseshoe-shaped line on a map which is home to around 75% of the world's volcanoes and 90% of the world's earthquakes.



There are three states of matter.

Solid	Liquid	Gas
A diagram showing particles in a solid state, represented as red spheres packed closely together in a regular grid.	A diagram showing particles in a liquid state, represented as red spheres packed together but able to move around each other.	A diagram showing particles in a gas state, represented as red spheres spread out and moving in all directions.
Particles in a solid are close together and cannot move. They can only vibrate.	Particles in a liquid are close together but can move around each other easily.	Particles in a gas are spread out and can move around very quickly in all directions.

Condensation and evaporation occur within the water cycle.

