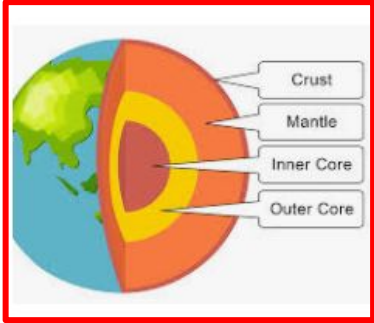


Knowledge Organiser: Geography and Science

Rocks, Relics and Rumbles



Earthquakes are caused when the earth's **tectonic plates** suddenly move.

Most earthquakes occur near the **tectonic plate** boundaries.

Earthquakes can cause lots of damage to roads, buildings and property.



Volcanoes are made when pressure builds up inside the earth. This affects the earth's crust causing **magma** to sometimes **erupt** through it.

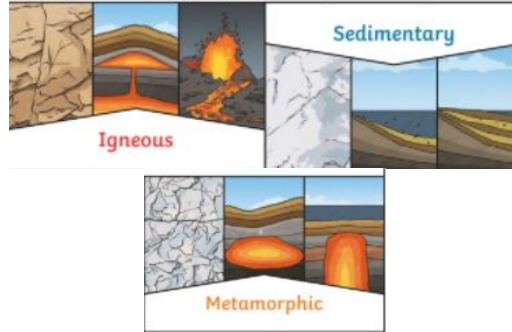
Active volcanoes have **erupted** in the last 10 000 years.

Dormant volcanoes haven't **erupted** in the last 10 000 years but may erupt again.

Extinct volcanoes aren't expected to **erupt** again.



There are three types of naturally occurring rock.



Key Vocabulary

Volcano	an opening or rupture in the Earth's crust through which lava, ash and gases escape.
Earthquake	a violent movement of parts of the Earth's surface.
Earth's crust	the surface layer covering our planet
Earth's mantle	under the crust is the mantle forming about half of the Earth.
Earth's core	the core is at the centre of the Earth. There is a solid inner core and outer liquid core of molten metal.
Magma	a molten substance beneath the Earth's crust.
Crater	the mouth of a volcano
Molten	hot, melted rocks.
Epicentre	The point on the Earth's surface at the centre of an Earthquake..