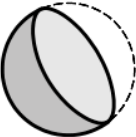
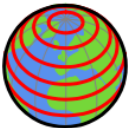


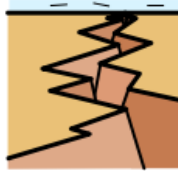
Key Vocabulary

Dome/fold/Fault mountains 	Different formations of mountains.	Epicentre 	The epicentre is directly above the earthquake's focus
Volcano 	A volcano is an opening in the earth's surface, that allows lava, ash and gases to escape.	Lava 	Lava is hot, liquefied rock that flows from a volcano or other opening in the surface of Earth.
Hemisphere 	A hemisphere is half of a ball, or sphere. People use it to describe one half of the earth, e.g. the southern hemisphere	Magma	Magma is melted rock that is found below the Earth's surface.
Latitude 	Latitude tells you how far north or south of the Equator you are located. It is measured in degrees.	Tectonic plates	Tectonic plates are pieces of the rocky outer layer of the Earth known as the crust. These plates are constantly moving
Longitude 	Lines of longitude run from the top of the Earth to the bottom. They are not parallel as lines of latitude are.	Earthquake 	An earthquake is when the ground suddenly shakes because the earth's tectonic plates are moving.

Key Knowledge

What is an **earthquake**?

The ground we stand on is made of giant puzzle pieces called **tectonic plates**. These plates move very slowly, but sometimes they **bump into each other** or **slide past each other**.



When they get stuck, **energy builds up**—like when you pull a rubber band. Then... **BOOM!** The energy lets go and the ground **shakes**.

That's an **earthquake**! 🤯 🌍 💥

If the shaking happens **under the ocean**, it can make a **huge wave**!

How are **fold mountains** made?

Sometimes, the ground gets **squashed together and bent**, and it makes **big, tall mountains**!



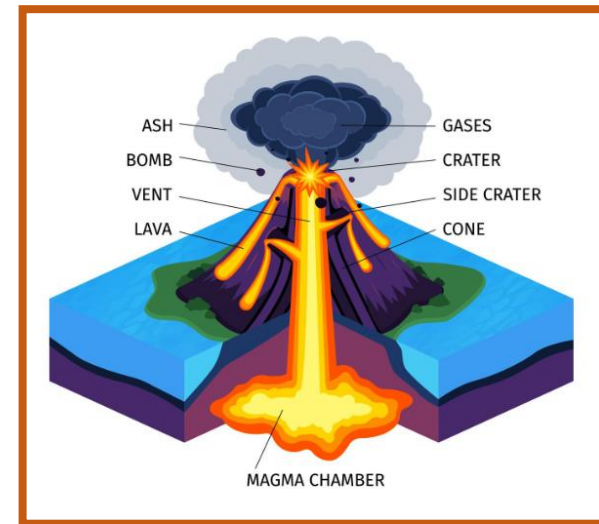
What is a **volcano**?

A **volcano** is like a big hole in the ground where **melted rock** from deep inside the Earth can come out! 🌋



Inside the Earth, there is melted rock called **magma**. It's so hot that it turns into **liquid rock**! Sometimes, the **magma** comes up through the **volcano** and **explodes out** — this is called a **volcanic eruption**!

When the hot **magma** comes out, we call it **lava**. **Volcanoes** can be **big like mountains** or **small like hills**, depending on what kind they are.



Useful Weblinks

<https://www.volcanodiscovery.com/volcano-map.html>

<https://www.stem.org.uk/resources/elibrary/resource/35896/earthquake>

<http://stem-works.com/external/activity/570>