

What different types of volcano are there?

Active – A volcano that has erupted at least once in the last 10,000 years. Can be either dormant or erupting.

Dormant – A volcano is not erupting, but is expected to erupt again.

Extinct – a volcano that has not erupted over the last 10,000 years and is not expected to erupt again in the next 10,000 years.

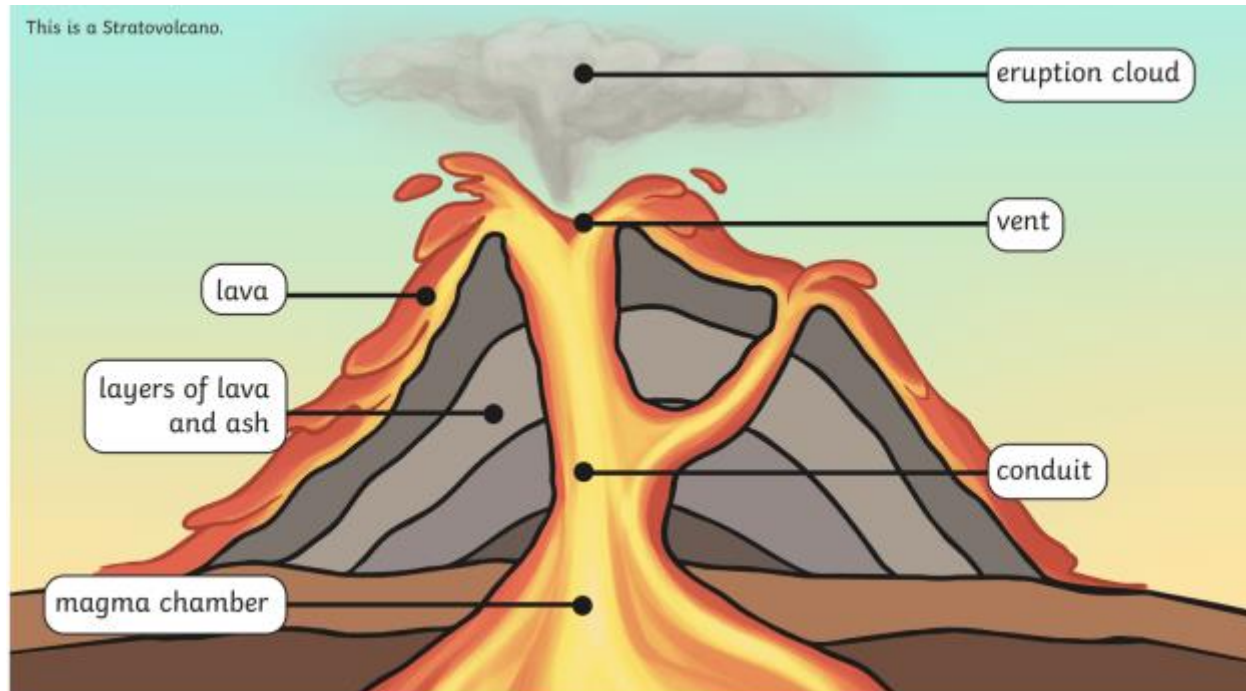
How do Volcanoes affect the lives of people?

What are volcanoes?

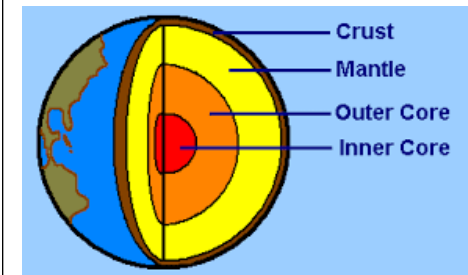
A volcano is an opening in the Earth's **crust** that allows **magma**, hot ash and gases to escape. Volcanoes can look like mountains or small hills, depending on what type they are.

Volcanoes are an example of physical geography. They are not made by humankind; they are a natural occurrence.

Tectonic plates are the pieces that hold our planet together. The movement of these plates can mean an eruption is imminent...



Layers of the Earth



Key language – the volcano

Vent

Conduit

Magma

Ash cloud

Lava

Magma chamber

Sedimentary	Rock that has formed from sediment deposited by water or air.
Igneous	Rock that has solidified from lava or magma
Tectonic plate	Large plates that make up the Earth's crust.
Core	The inner layer of the earth
Mantle	The layer of the Earth below the crust and above the core
Archipelago	An extensive group of islands
Geothermal	Energy produced by the internal heat of the Earth.



Iceland