

# Geography - Volcanoes

Please help your child with their learning by going through this fact sheet with them. They will be quizzed on this at the end of half term. We appreciate your support.

A volcano that has not erupted in over 10,000 years is known as 'extinct.'

Metamorphic rocks are rocks that have changed due to extreme heat and/or pressure.

If we sliced the world in half, we would see that it is made up of layers. From outside to inside we have the crust, the mantle, the outer core and the inner core.

The outer layer of the Earth, known as the crust, is split into tectonic plates.

In 79AD, Mount Vesuvius erupted in Italy destroying the city of Pompeii.

Sedimentary rocks are most likely to be found in or near to water.

The Ring of Fire surrounds the Pacific Ocean.

The molten rock that comes out of the ground during an eruption is called lava.

Some rocks allow water to pass through them. We call these permeable.

A volcano that has not erupted recently but is likely to erupt in the future is known as 'dormant.'



## Key Vocabulary

- ⇒ **Magma** - molten rock beneath the Earth's surface.
- ⇒ **Lava** - molten rock above the Earth's surface from a volcanic eruption.
- ⇒ **Ash** - tiny fragments of rock and lava blasted into the air during an eruption.
- ⇒ **Vent** - the opening of the volcano through which the lava erupts.
- ⇒ **Ring of Fire** - a chain of volcanoes which surround the Pacific Ocean.