

# Geography: Volcanoes

# General Knowledge



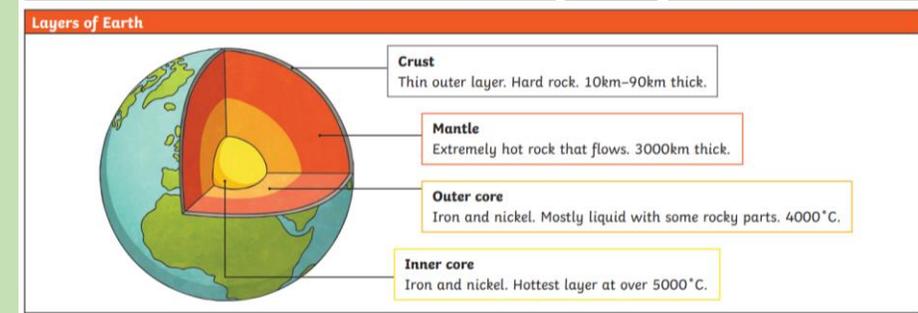
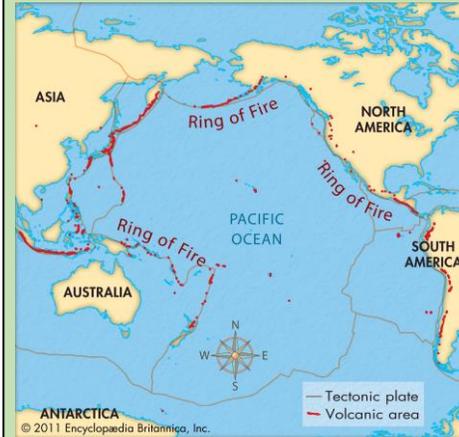
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	Key Vocabulary
volcano	An opening in Earth's crust, often cone shaped.
Ring of Fire	Most volcanoes are found around the edges of the Pacific Ocean. This huge circle of volcanoes is known as the Ring of Fire.
active	The volcano has erupted in recent times and might in the near future.
dormant	When a volcano has not erupted for many years but could possibly erupt again. People call these 'sleeping'
extinct	A volcano that will never erupt again.
eruption	When a volcano erupts, hot gases and melted rock (magma) from deep within Earth burst through the surface.
tectonic plate	The Earth's outer layer is made up of large, moving pieces called plates that are solid rock. All of Earth's land and water sit on these plates. Under the plates is a weaker layer of partially melted rock.
magnitude	The measurement of energy released during an eruption. The scale is measuring the volume of lava and the height of the eruption.
formation	The formation of something is the starting or creation of it.

Did you know?

When Pompeii was rediscovered after thousands of years of being under ash, everything was preserved

## Ring of Fire:



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.

## Pompeii: Mount Vesuvius

Mount Vesuvius is an **active** volcano in southern **Italy**. After not erupting for hundreds of years, there was a huge eruption of Mount Vesuvius in AD 79, which destroyed the Roman city of Pompeii. Later, when the city was excavated by archaeologists, the city was found to have been extremely well preserved. Impressions of bodies buried in the ash have been made into casts. This has given us an amazing insight into life at the time of the eruption. Vesuvius erupted in 1631, killing around 3000 people. Since then, Vesuvius has erupted at least twenty times.

