

Year 3: Volcanos

Key Vocabulary

lava	Molten rock that erupts from the volcano.
eruption	An explosion of steam or lava from a volcano.
magma	Molten rock beneath the Earth's surface.
Ring of Fire	A horseshoe-shaped area in the Pacific Ocean where most of the Earth's volcanoes and earthquakes occur.
vent	An opening of a volcano through which lava erupts.
crater	A large hollow forming the the mouth of the volcano.
dormant	Have not erupted for a very long time but may erupt at a future time
extinct	Not expected to erupt in the future
active	Have a recent history of eruptions; they are likely to erupt again

Mount Vesuvius

Mt Vesuvius is found in Italy near a city called Naples.

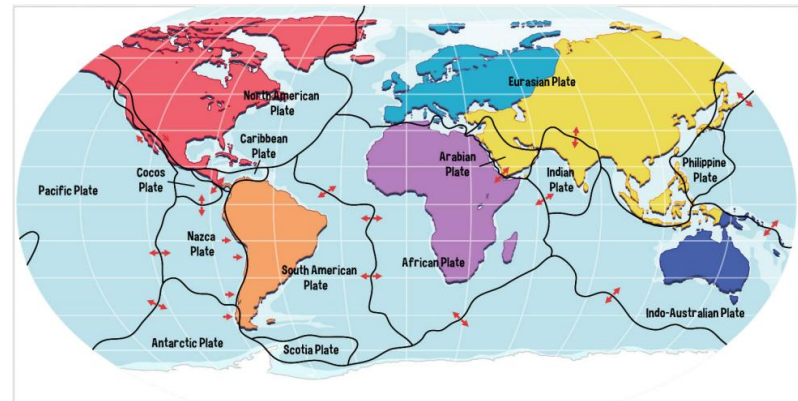
It is most famous for its eruption in 79 AD. It destroyed the nearby town, Pompeii. It covered the city in volcanic ash.

Mt Vesuvius has erupted more than 50 times in the last 2,000 years.



Tectonic Plates

The Earth's outer shell is made up of huge slabs of moving rock called tectonic plates.



Volcano Eruption

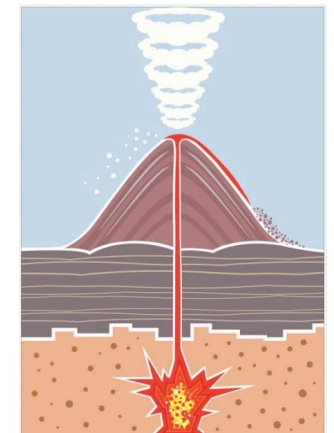
A volcano is an opening in the Earth's surface.

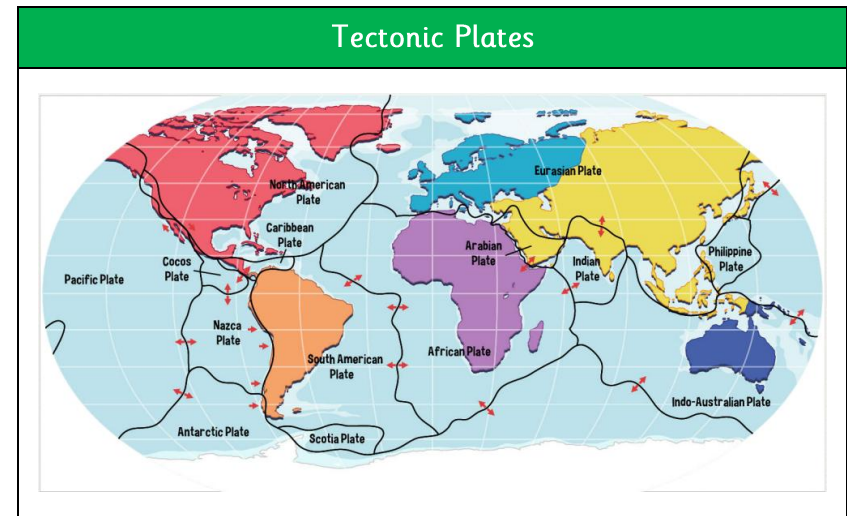
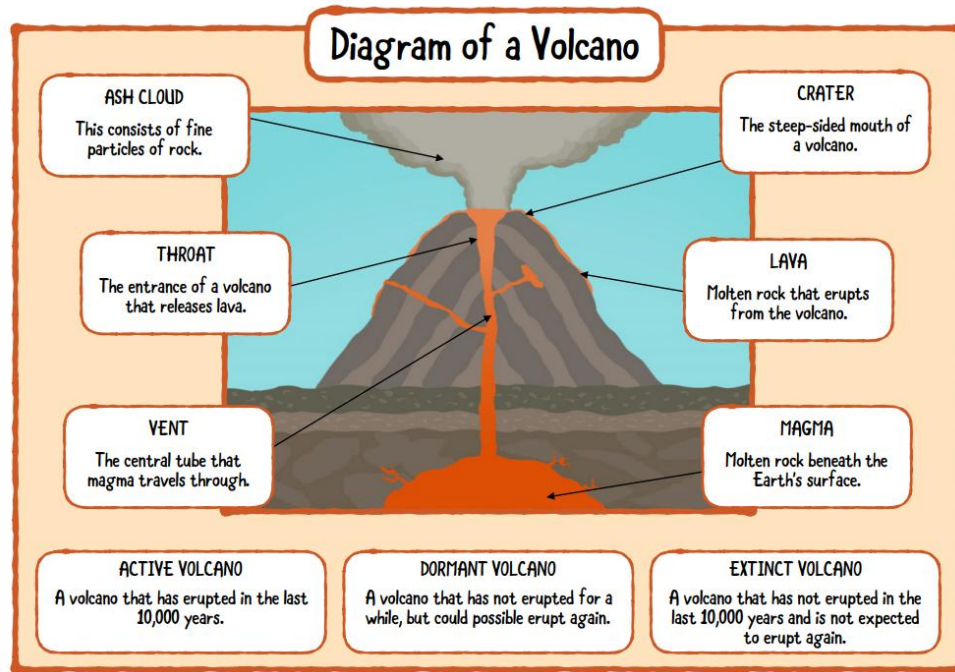
Firstly, magma rises through cracks in the volcano.

Then, pressure builds up inside the volcano.

The magma then explodes out of the volcano (this is known as lava).

When the lava cools, it forms new crust/rock and the volcano becomes bigger.





Volcano Eruption

A volcano is an opening in the Earth's surface.

- 1) magma rises through cracks in the volcano.
- 2) pressure builds up inside the volcano.
- 3) The magma explodes out of the volcano (this is known as lava).
- 4) When the lava cools, it forms new crust/rock and the volcano becomes bigger.

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