

Year 3 Active Planet

Dormant volcanoes have not erupted for a very long time but may erupt .

Extinct volcanoes are not expected to erupt .

Active volcanoes are likely to erupt again.

A **volcano** is an opening in the Earth's surface that allows hot magma, gas and ash to escape.

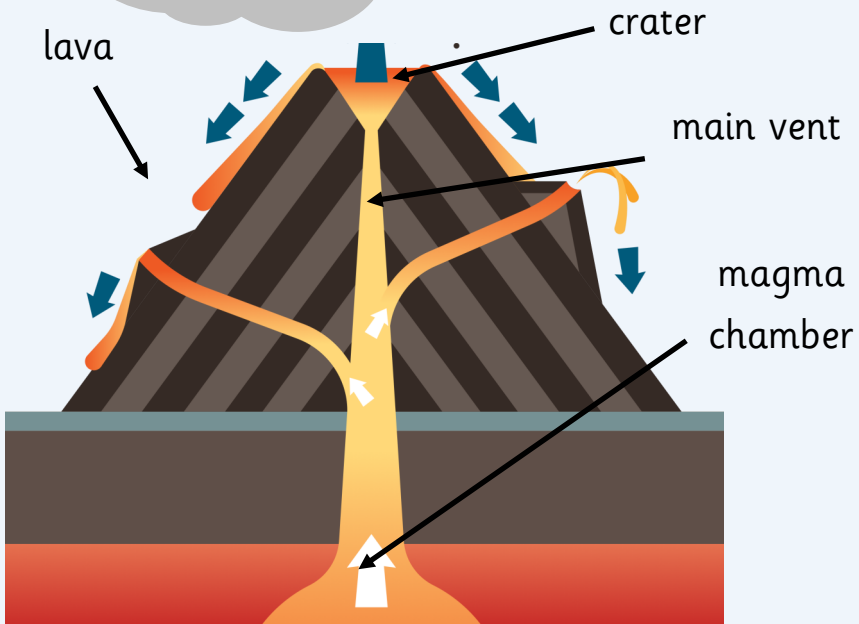
eruption cloud

crater

main vent

magma chamber

lava



A **mountain** is formed when rock is pushed towards each other when they move upwards. They occur where tectonic plates

FACTfinder

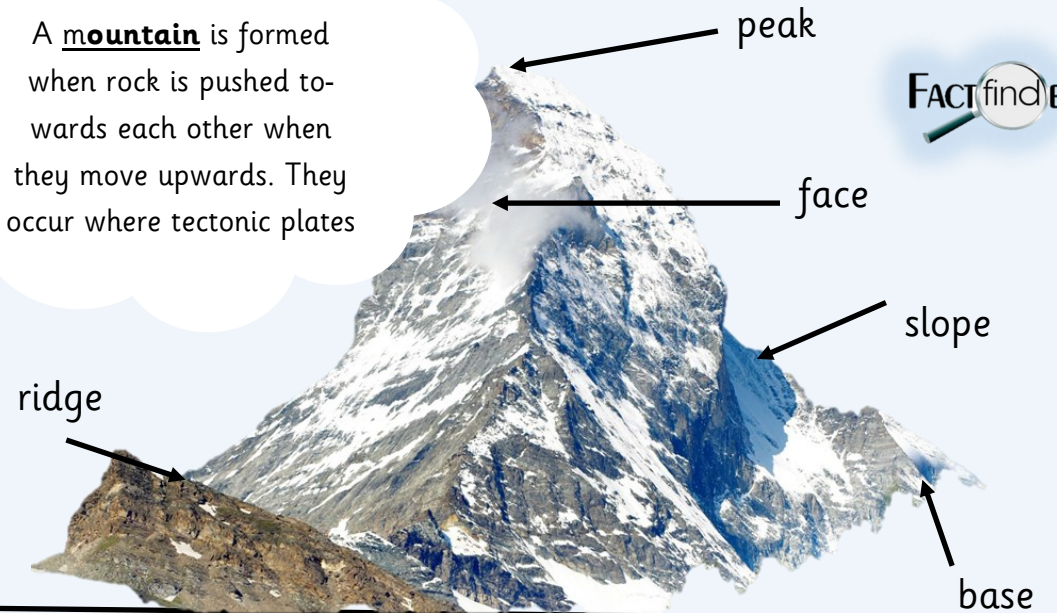
ridge

peak

face

slope

base



An **earthquake** is formed when underground rock suddenly breaks along a fault line.

shock waves

fault line

epicentre

Earthquakes occur where tectonic plates converge, diverge or transform.

focus

