Volcanoes and Earthquakes

Skills:

Compare the effects of natural disasters (Earthquake and volcano). Use maps, atlases, globes and digital mapping to locate volcano and earthquake areas. Use eight points of a compass to describe relative location of earthquake and volcano zones

Key vocabulary

Volcano,

earthquake,

tectonic plate,

Lava,

Magma,

dormant,

extinct,

eruption,

Composite,

ash,

Shield,

Crater

Tsunami

Must—know knowledge

Epicentre is the centre of an earthquake

Almost 80% earthquakes happen in the Pacific Ocean.

Tectonic plates create and affect volcanoes and earthquakes.

The size of an earthquake is called the magnitude.

It is measured using the Richter Scale on a piece of equipment called a Seismograph.

volcanoes can be different shapes such as **shield** and **composite**

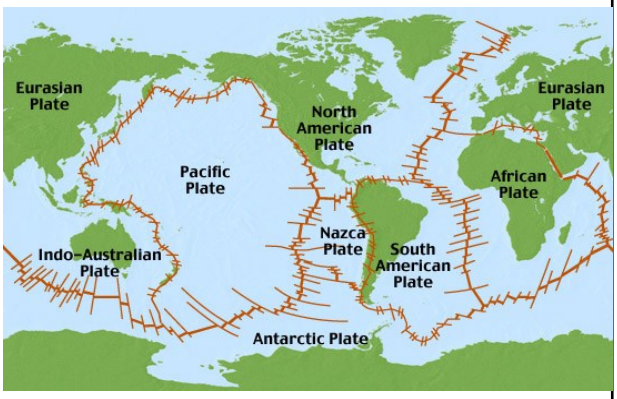
10,000 years without eruption makes a volcano extinct.

The effects of volcano eruptions and tsunamis can be devastating.

Volcanoes, earthquakes and tsunamis are naturally occurring features of our planet.

The 'Ring Of Fire' around the Pacific plate is home to the most active volcanoes in the world (more than half).

Map to show tectonic plates



Cross section of a volcano

