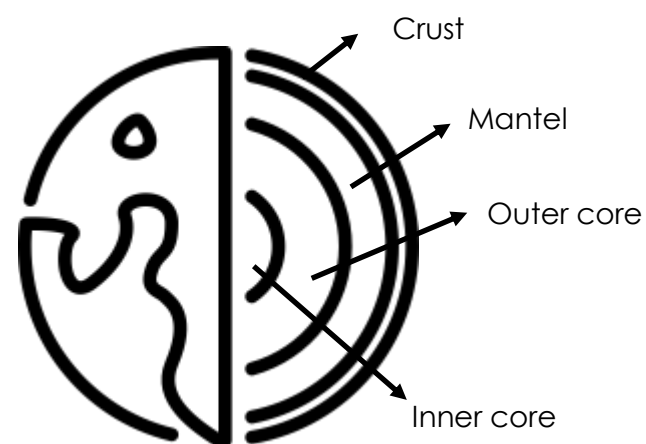


Y3: 'Earthquakes and eruptions' project knowledge organiser



The Earth is made up of 4 layers.

The inner core is solid metal and the hottest part of Earth.

The outer core is a liquid layer of metal.

The mantel is molten and semi-molten rock called magma.

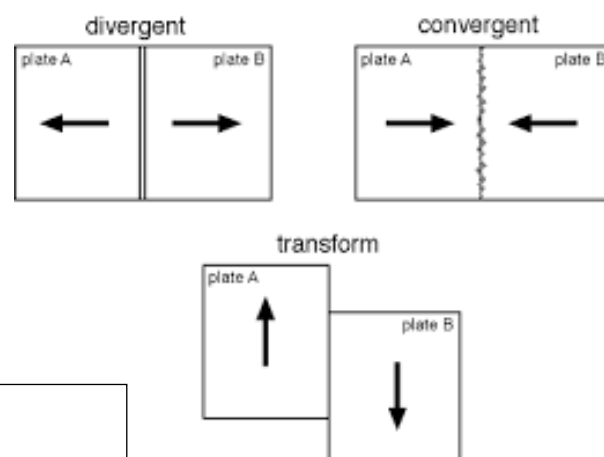
The crust is thin and broken into large sections called tectonic plates.

A natural disaster can be a volcanic eruption, a tsunami or an earthquake.

The Earth is split into 17 tectonic plates.

The Earth has 7 continents.

Types of plate tectonics



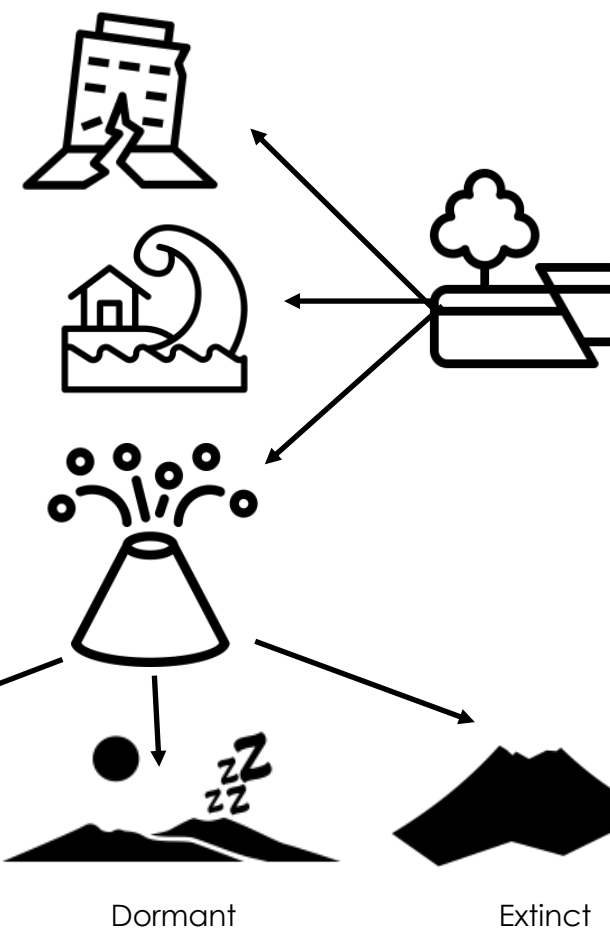
Earthquakes: an earthquake is a sudden shaking of the ground as a result of movement of the tectonic plates.

Tsunamis: a tsunami is a long, high sea wave caused by an earthquake.

It also translates to 'Harbour Wave'.

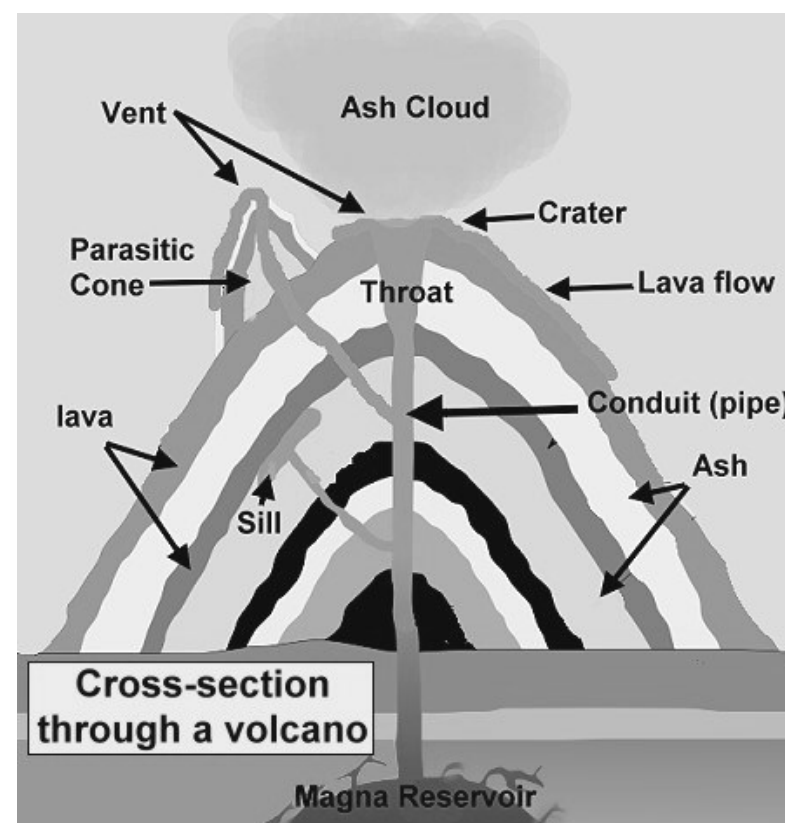
Volcanoes: a volcano is a mountain or hill which has a crater formed from an eruption.

The Ring of Fire is the area around the Pacific Ocean where many eruptions and earthquakes occur at the plate boundaries. It is known for having lots of natural disasters.



Surviving a natural disaster

Earthquake	Eruption	Tsunami
Have a pre-planned emergency plan and kit	Have a pre-planned emergency plan and kit	Have a pre-planned emergency plan and kit
Secure furniture in the house	Close all doors and windows- make airtight	Get to high ground as soon as possible
If outside, stay away from buildings	Turn off air-conditioning	Listen to emergency broadcasts
Get under heavy-duty furniture and cover your head	When outside, wear a mask	Stay away from buildings, roads and electricity



Mount Vesuvius is an active volcano in Pompeii, Italy.

Vesuvius erupted on 24th August 79 A.D. It lasted two whole days.

Pliny the Younger wrote about the eruption, whilst escaping on a boat.

The remains of Pompeii were accidentally discovered 1700 years after the eruption.

