

Y7 Explosive Earth!

Summary of the topics

- What are the different layers of the earth?
- What are volcanoes?
- How are volcanoes formed?
- Why do people live near volcanoes?
- What is an earthquake?
- What is the effect of an earthquake?
- How can volcanoes and earthquakes be managed?
- What is a super volcano?

Natural hazard = an event which is not caused by humans, e.g. volcanic eruption

Key concepts

Natural hazard

cause and effect

Mitigation



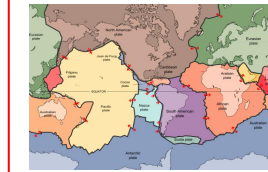
Summary of key learning

- The Earth is split into plates, called tectonic plates
- At the boundary between these plates, earthquakes and volcanoes can happen
- The plates moving apart are called constructive boundaries. The plates moving together are called destructive plate boundaries.
- These events can be dangerous - and have major effects on people, the economy and the environment
- Many people still live near or close to volcanoes, because the soil is very fertile, there is lots of tourism and they don't erupt very often
- We can make sure people are warned before an eruption and can evacuate safely (mitigate), so the effect of the eruption will be less
- Earthquakes can destroy homes and be very dangerous
- Super volcanoes are the largest type on earth, and if they erupt the damage can be global.

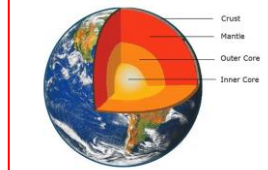


Key words

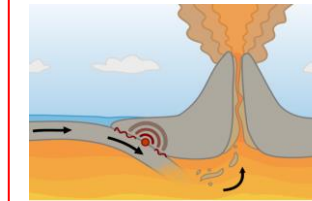
Plate boundaries



Crust, mantle, inner core, outer core



Destructive plate boundary



Constructive plate boundary

