

# 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

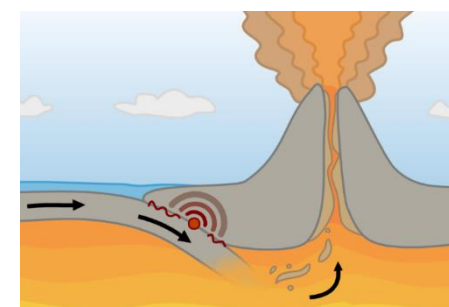
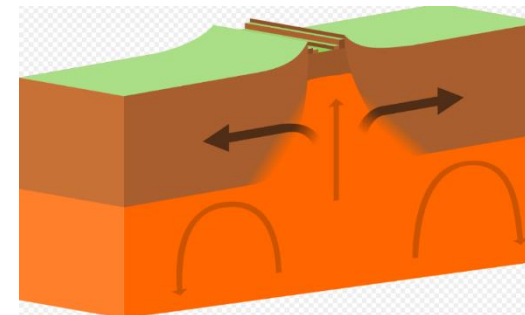
### cause and effect

### 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.

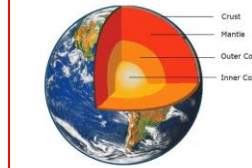


## Key words

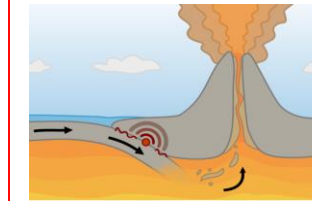
### Plate boundaries



### Crust, mantle, inner core, outer core



### Destructive plate boundary



### Constructive plate boundary

