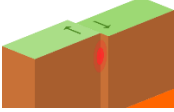









Natural Disasters

 <p>Earthquakes</p>	When tectonic plates move parallel to each other, it causes friction that sticks them together. When they get unstuck, it can cause a violent jolt which causes an earthquake.
 <p>Tsunamis</p>	When an earthquake occurs in the sea, the water is suddenly moved outwards, creating a huge volume of water which travels quickly towards land.
 <p>Hurricanes</p>	A hurricane is a huge storm measuring up to 600 miles across with winds reaching speeds of 75-200 mph.
 <p>Volcanoes</p>	Volcanoes generally form on the boundaries of tectonic plates. Tectonic plates can move apart from each other (diverge) leaving a space for magma to erupt. If plates converge, one plate is forced underneath the other, leaving space for magma to spill out.
 <p>Wildfires</p>	Common causes of wildfires include lightning, human carelessness (or on purpose), volcano eruptions, heat waves, droughts, and climate change.

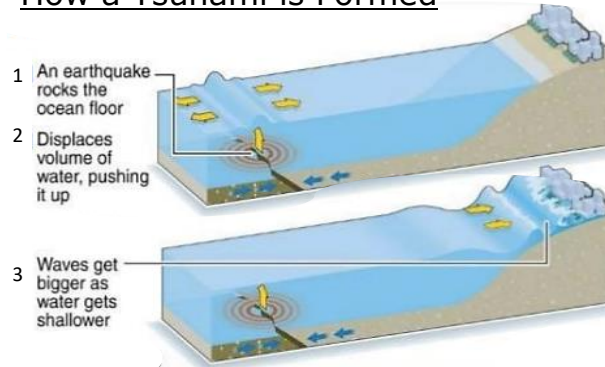
Human Disasters

 <p>Deforestation</p>	Forests are cut down for reasons including clearing the land for cattle farming or to make furniture. Plants give off oxygen, so the destruction of rainforests are having an impact on the health of the world.
 <p>Pollution</p>	Pollution from car exhausts and smoke from factories increase carbon dioxide and are contributing to global warming. Large amounts of plastic are filling the Earth's sea and land, destroying habitats and wildlife.
 <p>Industrial Accidents</p>	Oil spills in the sea can cause catastrophic damage to sea life. Nuclear radiation from nuclear power plants can contaminate large areas for many years.

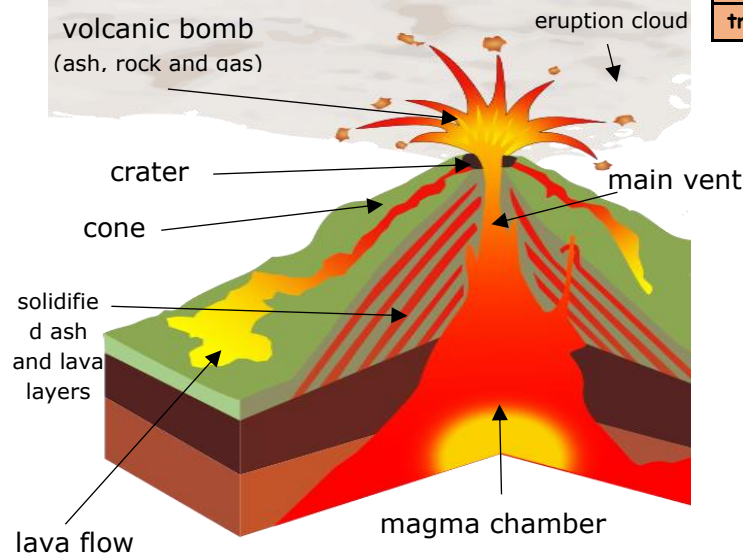
Extreme Earth!

A disaster is a sudden accident which causes significant damage to the landscape or loss of life. They can be human disasters or naturally occurring disasters.

How a Tsunami is Formed



Inside a Volcano



Key Vocabulary

avalanche	a large amount of snow, ice and rock fall
converge	two tectonic plates pushing together
diverge	two tectonic plates moving apart
drought	lack of rainfall over time causing a water shortage
evacuation	leaving somewhere immediately due to danger
floods	sudden rainfall causing water to rise
magnitude	how strong an earthquake is
monsoon	seasonal wind in SE Asia bringing heavy rain
phenomenon	a naturally occurring and unusual event
Richter scale	scale from 1-9 showing the magnitude of an earthquake
rubble	broken stone, brick, concrete caused by destruction
seismograph	an instrument used to measure the force and length of an earthquake occurs for
tectonic plates	the outer part of Earth is made up of 12 large, irregularly-shaped slabs of rock called 'plates'.
tornado	violently rotating wind causing destruction
tremor	a sudden shake of the Earth

Here to Help!

There are lots of charities and organisations who help before, during and after a natural disaster. This includes:

- warnings/evacuation
- Immediate help (search and rescue)
- damage assessment
- continued assistance
- restoration/construction

Examples

The British Red Cross
 United Nations Children's Fund (UNICEF)
 Royal National Lifeboat Institution (RNLI)



Disaster Timeline

