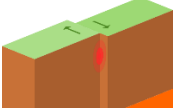






Natural Disasters

<p>Earthquakes</p> 	<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>
<p>Tsunamis</p> 	<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>
<p>Drought</p> 	<p>Drought is the lack of rainfall causing a water shortage. A drought can last for days, months or years.</p>
<p>Volcanoes</p> 	<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>

Human Disasters

<p>Pollution</p> 	<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>
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Case study: Mount St. Helens

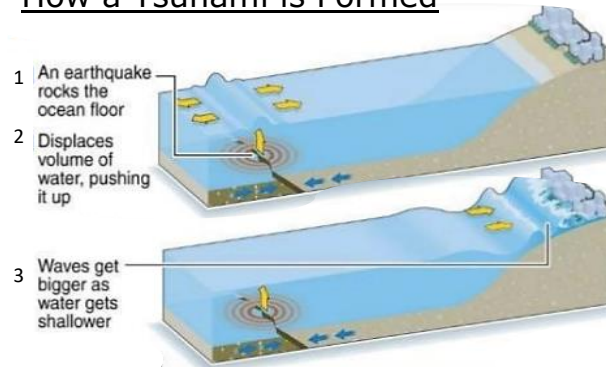
- Active stratovolcano
- Located in Washington, USA
- Last erupted in 2004
- Its eruption on May 18, 1980, was one of the greatest volcanic explosions ever recorded in North America.



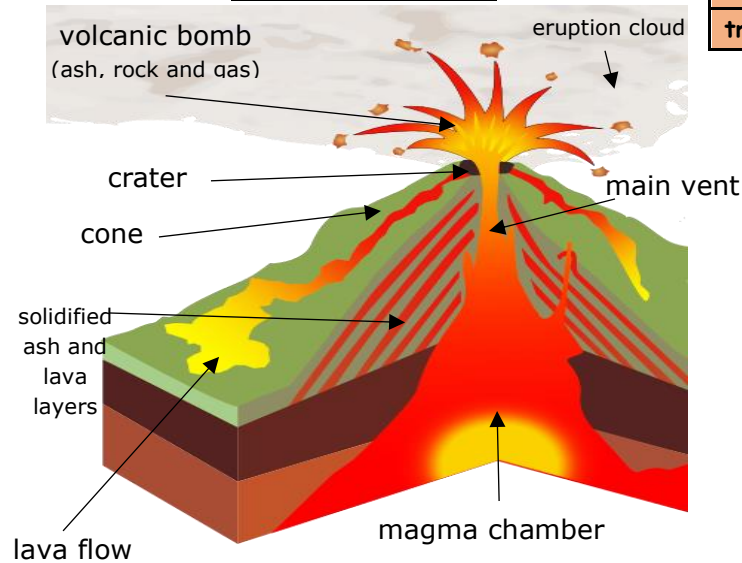
Extreme Earth!

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

converge	two tectonic plates pushing together
climate	Climate is the long-term pattern of weather in a particular area.
diverge	two tectonic plates moving apart
evacuation	leaving somewhere immediately due to danger
floods	sudden rainfall causing water to rise
magnitude	how strong an earthquake is
Richter scale	scale from 1-9 showing the magnitude of an earthquake
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'.
tremor	a sudden shake of the Earth

PLATE BOUNDARIES

