

<b>Geography Focus:</b>	Natural Disasters	<b>Year 3:</b>	Autumn Term 2
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**Key Knowledge**

**Natural Disasters**

Natural Disasters	These are events created by nature which cause lots of damage to life and homes. They include: earthquakes, volcanic eruptions, hurricanes, tornadoes, wild fires, tsunamis, floods, tropical storms.
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The Ring of Fire	An area in the Pacific Ocean where most earthquakes and volcanic eruptions happen.
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**Earthquakes**

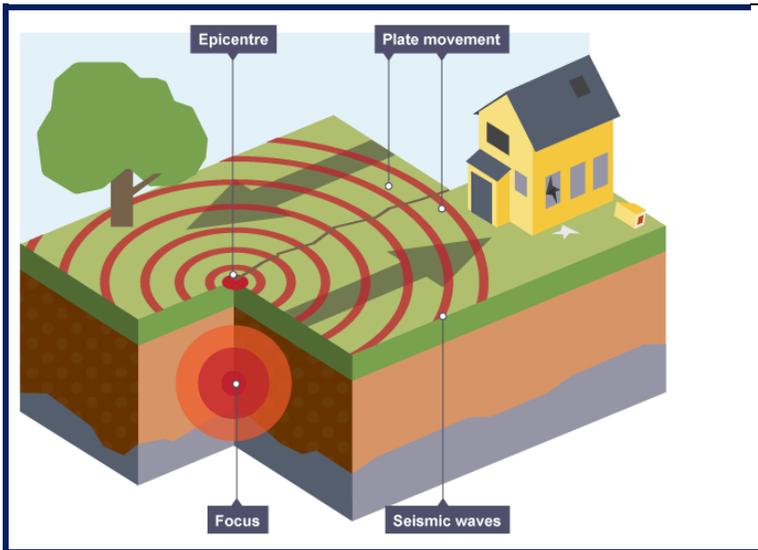
What happens	The ground shakes (vibrates) as the Earth's tectonic plates move.
Where this happens	Earthquakes happen where two tectonic plates meet.
Causes	The Earth's tectonic plates get stuck as they rub against each other. The earthquake is the release of a build-up of pressure from being stuck.

**Volcanoes**

How volcanoes are formed	<ol style="list-style-type: none"> <li>1. Magma rises through cracks in the Earth's crust.</li> <li>2. Pressure builds up inside the Earth.</li> <li>3. The pressure is released, causing magma to explode to the surface as an eruption.</li> <li>4. The lava from the eruption cools to form new land.</li> </ol>
Mount Vesuvius	A famous volcano in Italy. Best known for a huge eruption in 70AD when it buried entire cities, including Pompeii.

**Key Vocabulary**

Spelling	Definition
Rotate	Twist or turn
Lava	Hot liquid rock that erupts from a volcano and cools to form new land.
Eruption	When solid and liquid rock, pour or shoot out of a volcano. Gas is also released.
Vibration	Shaking.
Ash cloud	A cloud of gas and small particles that erupt from a volcano.
Crater	A hole in the top of a volcano.
Hurricane	Strong rotating winds that form over water.
Tornado	Strong rotating winds that form over land.
Earthquake	A violent shaking of the Earth.
Volcano	A mountain that erupts lava.
Tsunami	A large, powerful wave.
Tectonic plates	The surface of the Earth which moves.
Epicentre	The strongest area of vibration in an earthquake.
Seismic waves	The vibrations in an earthquake.
Earth's crust	The top layer of rock on the surface of the Earth.
Magma	Hot liquid rock under the Earth's crust.



**Diagrams and Symbols**

