
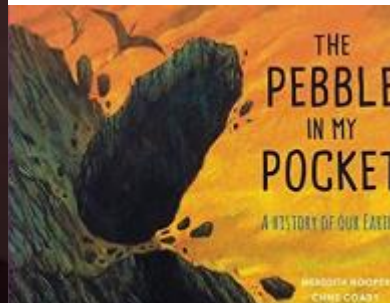



# How does tectonic activity affect the Earth?

Subject Specific Vocabulary			Exciting Books
<b>eruption</b>	An explosion of steam or lava from a volcano.		
<b>aftershock</b>	A shaking event that follows an earthquake, sometimes more damaging than the original earthquake.		
<b>tsunami</b>	A long, high wave usually caused by an earthquake in the ocean.		
<b>magma</b>	Hot fluid or semi-fluid material below or within the Earth's crust from which lava is formed.	<b>Sticky Knowledge about natural disasters</b>	
<b>lava</b>	Hot, molten or semi-fluid rock erupted from a volcano, or solid rock, resulting from cooling of this.		
<b>dormant</b>	A dormant volcano is an active volcano that has not erupted in the past 10,000 years.	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Volcanoes</b> are caused when magma rises to the surface of the Earth, which causes bubbles of gas to appear in it. This gas can cause pressure to build up beneath the surface, and it eventually explodes.</li> </ul>	
<b>fault</b>	Fractures in the Earth's crust where rocks on either side of the crack have slid past each other.	<b>Geographical Skills:</b>	
<b>magnitude</b>	If you talk about the magnitude of something, you are talking about its great size.		
<b>landslide</b>	A landslide is a collapse of a mass of earth or rock from a mountain or cliff.	<ul style="list-style-type: none"> <li><input type="checkbox"/> Compare and contrast locations using aerial photos.</li> <li><input type="checkbox"/> Use digital technologies to present data.</li> <li><input type="checkbox"/> Use scale bars to calculate distances and digital zoom facilities to identify features.</li> <li><input type="checkbox"/> Use maps to identify the distribution of mountain ranges and tectonic activity.</li> </ul>	
<b>tectonic plates</b>	The Earth's outer shell is made up of huge slabs of moving rock called tectonic plates.	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Earthquakes</b> are usually caused when rock underground suddenly breaks along a fault. This sudden release of energy causes the seismic waves that make the ground shake.</li> </ul>	
<b>saturated</b>	Holding as much water or moisture as can be absorbed; thoroughly soaked.	<ul style="list-style-type: none"> <li><input type="checkbox"/> A <b>tsunami</b> is a series of large waves generated by an abrupt movement on the ocean floor that can result from an earthquake, an underwater landslide, a volcanic eruption or - very rarely - a large meteorite strike.</li> </ul>	