

# Home-School Learning Collaboration – Geography



<b>Topics in this cycle:</b> Plate Tectonics	<b>Taught:</b> Autumn 1 and 2	<b>Year Group:</b> 8
<b>Key knowledge/concepts to be learnt ('Tell me about...')</b>		<b>Websites/blogs/YouTube links and further reading to deepen and consolidate learning</b>
<ul style="list-style-type: none"> <li>• <b>Plate Tectonic Theory</b> How is the Earth structured and why do tectonic plates move around.</li> <li>• <b>Earthquakes</b> What are the causes of earthquakes and what effects do they have on people and place.</li> <li>• <b>The Haiti Earthquake 2010</b> What impact did the Haiti earthquake have and how effective were the responses.</li> <li>• <b>People and Plate Tectonics</b> Why do people live in tectonically active areas and what can be done to manage tectonic activity.</li> <li>• <b>Volcanoes</b> How are volcanoes created and what are the effects of a volcanic eruption.</li> <li>• <b>Tsunamis</b> What causes tsunamis and what are the effects on people and place</li> </ul>		<p><b>BBC Bitesize:</b></p> <p><a href="#">Plate Tectonics</a></p> <p><a href="#">Earthquakes</a></p> <p><a href="#">Volcanoes</a></p> <p><b>Explain this ... Plate Tectonics:</b>  <a href="#">Geography   KS3   Explain This...   Plate Tectonics   BBC Teach - YouTube</a></p> <p><b>Geography Pod</b>  <a href="#">Introducing Tectonics - GEOGRAPHY FOR 2023 &amp; BEYOND (geographypods.com)</a></p> <p><b>National Geographic: What is an earthquake.</b>  <a href="#">Forces of Nature (nationalgeographic.org)</a></p> <p><b>Further reading:</b>                      Horrible Geography:                      Violent Volcanoes                      Earthshattering Earthquakes</p>

Key Vocabulary and Definitions To Be Learnt		What Will The Assessment Look Like?
<b>Tectonic Plate</b>	A large piece of the crust	<ul style="list-style-type: none"> <li>• Short answer questions based on recall of facts and core knowledge</li> <li>• Multiple choice</li> <li>• Response to extracts / diagrams and application of knowledge</li> <li>• Extended writing</li> </ul>
<b>Crust</b>	The thin outer layer of the Earth's surface	
<b>Mantle</b>	The layer underneath the crust made from magma	
<b>Core</b>	The very hot centre of the Earth made from heavy metals	
<b>Magma</b>	Molten rock	
<b>Convection current</b>	The circular movement of heat – in the mantle as magma moves	Family Learning Opportunities
<b>Tectonic Activity</b>	Anything to do with earthquakes and volcanoes	<p>Test yourself and your family on the key vocabulary from this unit.</p> <p>Make your own earthquake models:  <a href="http://3dgeography.co.uk/earthquake-model">earthquake model (3dgeography.co.uk)</a></p> <p>Make your own volcanoes:  <a href="http://nhm.ac.uk/how-to-make-a-volcano">How to make a volcano   Natural History Museum (nhm.ac.uk)</a></p> <p><b>Watch BBC iPlayer:</b>  <a href="#">BBC Two - Earth: The Power of the Planet, Volcano, The Earth's plates</a></p> <p>Watch the impossible – a movie about the Boxing Day Tsunami in Indonesia</p>
<b>Earthquake</b>	A sudden intense shaking of the earth	
<b>Focus</b>	The point underground that an earthquake starts	
<b>Epicentre</b>	The point on the surface of the earth above the focus of an earthquake	
<b>Seismic Wave</b>	The energy release by an earthquake	
<b>Volcano</b>	A mountain or hill that may erupt	
<b>Active</b>	A volcano that has erupted recently or within the last 1000 years	
<b>Dormant</b>	A volcano that hasn't erupted within the last 1000 years	
<b>Extinct</b>	A volcano that will never erupt again	
<b>Geothermal Energy</b>	Energy generated from the heat from the rocks underneath the Earth's surface	

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<b>Tsunami</b>	A large wave created by an underwater earthquake that causes coastal flooding	
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