

Home-School Learning Collaboration – Geography

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

Key Vocabulary and Definitions To Be Learnt		What Will The Assessment Look Like?
Tectonic Plate	A large piece of the crust	Mid Unit test: 30 minutes <ul style="list-style-type: none"> • Short answer questions • Multiple choice • Extended writing End Unit test: 30 minutes <ul style="list-style-type: none"> • Short answer questions • Multiple choice • Extended writing
Crust	The thin outer layer of the Earth's surface	
Mantle	The layer underneath the crust made from magma	
Core	The very hot centre of the Earth made from heavy metals	
Magma	Molten rock	
Convection current	The circular movement of heat – in the mantle as magma moves	Family Learning Opportunities Test yourself and your family on the key vocabulary from this unit. Make your own earthquake models: earthquake model (3dgeography.co.uk) Make your own volcanoes: How to make a volcano Natural History Museum (nhm.ac.uk) Watch BBC iPlayer: BBC Two - Earth: The Power of the Planet, Volcano, The Earth's plates
Tectonic Activity	Anything to do with earthquakes and volcanoes	
Earthquake	A sudden intense shaking of the earth	
Focus	The point underground that an earthquake starts	
Epicentre	The point on the surface of the earth above the focus of an earthquake	
Seismic Wave	The energy release by an earthquake	
Volcano	A mountain or hill that may erupt	
Active	A volcano that has erupted recently or within the last 1000 years	
Dormant	A volcano that hasn't erupted within the last 1000 years	
Extinct	A volcano that will never erupt again	
Geothermal Energy	Energy generated from the heat from the rocks underneath the Earth's surface	

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