

Year 7 Our Changing Earth: Key question	Pupil Resources
<ul style="list-style-type: none"> What is the structure of the earth? 	https://classroom.thenational.academy/lessons/what-is-the-structure-of-the-earth-c8v66c https://classroom.thenational.academy/lessons/what-evidence-is-there-that-the-earths-crust-moves-60r62e
<ul style="list-style-type: none"> How do the 3 main types of plate boundary differ? Features of the 3 plate boundaries- composite/ shield volcano.	https://classroom.thenational.academy/lessons/what-are-the-different-plate-boundaries-c4tkoc
<ul style="list-style-type: none"> Shield and composite volcanoes- what is the difference? Composite- explosive, viscous lava, steep sides Shield- runny/not viscous lava, wide base, gentle slopes	https://classroom.thenational.academy/lessons/what-are-composite-and-shield-volcanoes-6xjk8c
<ul style="list-style-type: none"> What is an earthquake (most pupils already know this but recap). How do we measure the size of an earthquake? Focus/epicentre diagram. Richter scale.	https://classroom.thenational.academy/lessons/how-can-we-measure-and-predict-earthquakes-cmrk4r
Is the pattern the same for volcanoes?-live map GIS) GIS https://earthquake.usgs.gov/earthquakes/map/ , https://volcanoes.usgs.gov/index.html	https://classroom.thenational.academy/lessons/how-can-we-prepare-and-protect-against-the-impact-of-earthquakes-69jpae
<ul style="list-style-type: none"> FANTASTIC PLACES: Mt St Helens. Locate Mt St Helens	Google earth: Mt St Helens
<ul style="list-style-type: none"> Eruption: Cause? Effect? Response? 	https://consiliumacademytrust.sharepoint.com/:w:/s/Thornhillacademy/EXLrBgedRTFOke34qusNkzEBjqF3i42mtD17H8xbxqm0hA?e=jU6XJG
<ul style="list-style-type: none"> How did this eruption change the way volcanologists look at eruptions? 	https://consiliumacademytrust.sharepoint.com/:p:/s/Thornhillacademy/EUhgA9YdFcFCIqOt52xxD2gBSTEa8LIIdPaJWrha3ePbdfg?e=aNBchf
<ul style="list-style-type: none"> How can we monitor and predicting volcanic eruptions? 	Monitoring volcanoes - popular techniques - Volcanoes - AQA - GCSE Geography Revision - AQA - BBC Bitesize

<p>What are: tiltmetres, seismometers/seismographs, water temperature, animal activity, spectrometers used to monitor volcanoes?</p>	
<ul style="list-style-type: none"> • What is a supervolcano? 	<p>GIS: https://volcanoes.usgs.gov/observatories/yo/vo/</p>
<ul style="list-style-type: none"> • What is a Tsunami? • Tsunami warning: http://ptwc.weather.gov/ Advice on what to expect/safety: https://www.youtube.com/watch?v=UzRORt3i4kc 	<p>https://classroom.thenational.academy/lessons/what-are-tsunamis-and-how-do-they-form-c8t32r</p>
<ul style="list-style-type: none"> • Big geographical write. Pupils are to pick a hazard and use key geographical terminology to imagine they are the hazard. (What are they? How do they form? Scale? Key features? What are the effects? How can humans stay safe?) 	