

**Pilgrim Federation Key Stage 2 Curriculum Coverage: Earthquakes, Volcanoes & Mountains**  
<https://livingmontessorinow.com/free-volcano-and-earthquake-songs-and-educational-videos/>

Science	Art & Design	Computing	D&T	Geography	History	MFL	Music	PE
<p>Changing Materials – Creating volcanoes Look at different types of rock formed from volcanoes.</p> <p>Rocks &amp; soils – igneous, metamorphic &amp; sedimentary rock forms.</p> <p>Permeable, Semi-permeable and impermeable rocks and soils.</p> <p>Rock Cycle</p> <p>Fossils (link to Stone Age to Iron Age)</p> <p>Link to local geography –soil and rock types found in the local area (West Runton Cliffs)</p> <p>Erosion, incl. coastal erosion.</p> <p>Changing state – water cycle (interchangeable process seeing it in action with mountains and volcanoes)</p>	<p>Volcano inspired art – Turner to Warhol <a href="https://www.theguardian.com/artanddesign/gallery/2010/aug/01/art-volcano-warhol-turner">https://www.theguardian.com/artanddesign/gallery/2010/aug/01/art-volcano-warhol-turner</a></p>	<p>Interpret information from <a href="https://www.usgs.gov/natural-hazards/earthquake-hazards">https://www.usgs.gov/natural-hazards/earthquake-hazards</a></p> <p>Which gives info about earthquakes in real time.  <a href="https://www.bgs.ac.uk/geology-projects/earthquake-seismology/">https://www.bgs.ac.uk/geology-projects/earthquake-seismology/</a></p> <p>Interpret information from: <a href="https://www.usgs.gov/products/data-and-tools/real-time-data/volcanoes">https://www.usgs.gov/products/data-and-tools/real-time-data/volcanoes</a></p> <p>Which gives info about volcanic eruptions in real time.  <a href="https://www.bgs.ac.uk/geology-projects/volcanoes/">https://www.bgs.ac.uk/geology-projects/volcanoes/</a></p> <p>Use Google Earth to locate tectonic plates, which are visible (San Andreas Fault), volcanoes and mountains.</p>	<p>Food Tech – Making chocolate soil <a href="https://www.bbcgoodfood.com/user/243939/recipe/chocolate-soil-crumbs">https://www.bbcgoodfood.com/user/243939/recipe/chocolate-soil-crumbs</a></p> <p>Making Rocky Road <a href="https://www.bbcgoodfood.com/recipes/easy-rocky-road">https://www.bbcgoodfood.com/recipes/easy-rocky-road</a></p> <p>Edible Sedimentary rock <a href="https://rainydaymum.co.uk/edible-sedimentary-rock-activity/">https://rainydaymum.co.uk/edible-sedimentary-rock-activity/</a></p> <p>Edible Igneous Rock <a href="https://rainydaymum.co.uk/edible-igneous-rock-activity/">https://rainydaymum.co.uk/edible-igneous-rock-activity/</a></p> <p>Geology Kitchen <a href="https://www.youtube.com/watch?v=pg_jKJf_bA2A">https://www.youtube.com/watch?v=pg_jKJf_bA2A</a></p> <p>How to make edible rocks <a href="https://elementalscience.com/blogs/science-activities/67260355-how-to-make-edible-rocks-earth-science-activity">https://elementalscience.com/blogs/science-activities/67260355-how-to-make-edible-rocks-earth-science-activity</a></p>	<p>Naming and locating active and inactive volcanoes around the world.</p> <p>Look at ‘The Ring of Fire’</p> <p>Look at the impact of living near a volcano.</p> <p>Understand that not all volcanoes are on the land.</p> <p>Understand plate tectonics and begin to name tectonic plates.</p> <p>Understand how fault lines are areas of greatest movement.</p> <p>Begin to understand how volcanoes and tectonic plates are linked.</p> <p>Understand that mountains form as the tectonic plate move and that mountains can form from inactive volcanoes.</p> <p>Name the highest peaks in the UK and be able to locate them on a map.</p> <p>Order heights of mountains.</p> <p>Understand how mountains are measured (metres above sea level).</p> <p>When using Ordnance Survey Maps understand how mountains are drawn (contours)</p>	<p>Look at impact of famous volcanic eruptions and earthquakes. <a href="https://www.usgs.gov/faqs/which-volcanic-eruptions-were-deadliest">https://www.usgs.gov/faqs/which-volcanic-eruptions-were-deadliest</a></p> <p>San Andreas Fault and how it has changed overtime.</p> <p>Famous Explorers who have scaled mountains like Everest &amp; K2,</p> <p>Tenzing Norgay – 1914-1986</p> <p>George Mallory 1886-1924</p> <p>Sir Edmund Hilary 1919-2008</p> <p>Look at the history of Mountain Rescue and how that was set up. <a href="https://www.mountainrescue.org.uk/">https://www.mountainrescue.org.uk/</a></p> <p>Earthquake Rescue – how people are found <a href="http://news.bbc.co.uk/1/hi/world/americas/8459653.stm">http://news.bbc.co.uk/1/hi/world/americas/8459653.stm</a></p> <p>National Search and Rescue <a href="https://www.nsarda.org.uk/">https://www.nsarda.org.uk/</a></p>	<p>Naming volcanoes &amp; mountains in native languages.</p> <p>Asking for help in different languages.</p>	<p><i>Volcano song</i> <a href="https://www.youtube.com/watch?v=bwTkTzdkvS4">https://www.youtube.com/watch?v=bwTkTzdkvS4</a></p> <p><i>Dancing on the edge of a volcano – London Symphony Orchestra</i> <a href="https://www.youtube.com/watch?v=NLismjNrX_o">https://www.youtube.com/watch?v=NLismjNrX_o</a></p> <p>Epic Dark Music – Volcano Kingdom <a href="https://www.youtube.com/watch?v=lzVO4cC_0QA">https://www.youtube.com/watch?v=lzVO4cC_0QA</a></p>	<p>Cross country</p> <p>Look at mountain climbing.</p> <p>Visit climbing wall at UEA?</p>