

Year 6 Spring 1 Mountains, Volcanoes and Earthquakes

Learning objectives for this topic	Key vocabulary	Useful websites to search for
<ul style="list-style-type: none"> To describe the location of Mount Everest and to describe and understand key aspects of the physical geography of the mountain. To understand the key features of an OS map including four and six-figure grid references To understand about the structure of the earth and plate tectonics. To understand that mountains can be formed in different ways. To understand the role of plate tectonics in forming volcanoes. To understand the difference between Constructive, Destructive and Transform plate boundaries. To understand why and how a volcanic eruption happens. To be able to name and locate some of major volcanoes in North and South America and the UK and Ireland. To understand the role of plate tectonics in the formation of earthquakes. To understand that earthquakes have different magnitudes and these impact differently. 	<p>Altitude - The height above sea level.</p> <p>Core - The core is at the centre of the Earth. There is a solid inner core and outer liquid core of molten metal.</p> <p>Crater - The mouth of a volcano.</p> <p>Crust - The surface layer covering our planet.</p> <p>Earthquake - A violent movement of parts of the Earth's surface.</p> <p>Epicentre - The point on the Earth's surface at the centre of an Earthquake.</p> <p>Lava - Molten, hot rock flowing from a volcano.</p> <p>Molten - Hot, melted rocks.</p> <p>Magma - Extremely hot, liquid rock.</p> <p>Mantle - Under the crust is the mantle forming about half of the Earth.</p> <p>Seismic waves - An elastic wave in the earth produced by an earthquake or other means.</p> <p>Summit - The highest point of a mountain.</p> <p>Tectonic plates - The earth's crust is made up of large areas called tectonic plates that join together.</p> <p>Volcano - An opening or rupture in the Earth's crust through which lava, ash and gases escape</p>	<p>The natural world - KS2 Geography - BBC Bitesize</p> <p>Royal Geographical Society Animation</p> <p>Earth Science for Kids: Overview (ducksters.com)</p>
		 