

## Knowledge

	<p><b>How is the Earth constructed?</b></p> <ul style="list-style-type: none"> <li>• Earth is constructed of 4 layers: crust, mantle, outer core and inner core.</li> <li>• The inner core is the hottest layer of the Earth.</li> <li>• The mantle is the thickest layer of the Earth.</li> <li>• You would find tectonic plates in the crust layer. We live on this layer.</li> </ul>
	<p><b>Where are mountains found?</b></p> <ul style="list-style-type: none"> <li>• Mountains are found near or on plate boundaries.</li> <li>• Mountains are formed by tectonic plates.</li> <li>• Some famous mountains in the world are the Rockies, Alps, Himalayas and Andes.</li> </ul>
	<p><b>Why and where do we get volcanoes?</b></p> <ul style="list-style-type: none"> <li>• A volcano is an opening in the Earth's crust where magma escapes.</li> <li>• There are two main types of volcanoes (Composite volcano and shield volcano).</li> <li>• Volcanoes are found on plate boundaries, with some hotspots further away.</li> <li>• A volcano can be classified as active, dormant or extinct.</li> </ul>
	<p><b>What are the effects of a volcanic eruption?</b></p> <ul style="list-style-type: none"> <li>• Reasons NOT to live near a volcano are: ash clouds, pollute rivers, causes earthquakes and tsunamis.</li> <li>• Reasons to live near a volcano are: creates rich and fertile soils, beautiful to look at, provides jobs for digging precious stones and creates hot volcanic springs.</li> <li>• Mount Etna is in Sicily, Italy.</li> </ul>
	<p><b>What are earthquakes and where do we get them?</b></p> <ul style="list-style-type: none"> <li>• Earthquakes make 'seismic waves' of energy, which causes the ground to shake.</li> <li>• If an earthquake happens underwater, the energy realised can cause a series of giant waves called a tsunami.</li> <li>• Earthquakes, volcanoes and mountains are found near or on plate boundaries and are created by moving tectonic plates.</li> </ul>
	<p><b>Where have the rocks around school come from?</b></p> <ul style="list-style-type: none"> <li>• There are 3 types of rocks: igneous, sedimentary and metamorphic.</li> <li>• Rocks can be categorised as natural or man-made.</li> <li>• We can plot findings on a map.</li> </ul>

## Key Vocabulary

Active volcano	A volcano currently erupting or is likely to erupt soon.
Dormant volcano	A volcano that may erupt again but has not erupted for a while.
Crust	The outer layer of the Earth where all life is.
Magma	Molten rock in the mantle layer.
Inner core	The centre and hottest part of the Earth.
Earthquake	A shaking of the ground caused by moving tectonic plates.

