

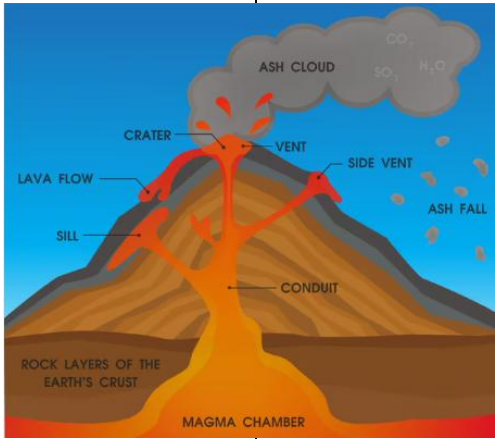
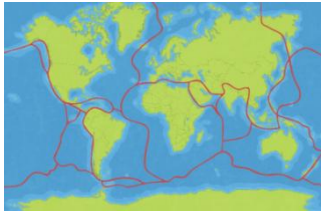



Flanderwell Primary School Pupil Guide

Year 3	Topic: Earthquakes and Volcanoes	Geography
 Key Vocabulary	 Connections: Prior Knowledge	Place Knowledge
<div data-bbox="163 183 656 624">  </div> <div data-bbox="136 639 333 671">tectonic plates</div> <div data-bbox="80 683 400 895">  </div> <div data-bbox="533 639 636 735">core mantle crust</div> <div data-bbox="427 746 730 938">  </div>	<ul style="list-style-type: none"> • There are seven continents: Europe, North America, South America, Africa, Asia, Australia and Antarctica. • There are five oceans: Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean. • The four main compass points are north, south, east and west. • The north and south poles are the coldest places on earth. • The hottest places on earth are near the equator. • Hot and cold weather affects what plants and animals can live in a place. 	<p><i>We learn about this in Summer term.</i></p> <div data-bbox="1653 384 1962 416">Locational Knowledge</div> <p>Many significant volcanoes can be found near the 'Pacific ring of fire' and include:</p> <ul style="list-style-type: none"> • Mount St. Helen's (USA) • Krakatoa (Indonesia) • Mount Fuji (Japan) • Mount Garibaldi (Canada) • Cotopaxi (Ecuador) • Mount Pinatubo (Philippines)
Human and Physical Geography	Fieldwork and geographical skills	Comparing and Contrasting
<ul style="list-style-type: none"> • The earth of made up of different layers – the crust, mantle, core. • The earth's crust is separated into tectonic plates • Areas near to plate boundaries are at risk of earthquakes and of volcanoes erupting because of the movement of the plates. • A volcano has a magma chamber, a conduit, a main vent, a side vent and a crater. Often, a volcanic eruption causes a flow of lava and a cloud of ash. • Earthquakes can cause a lot of damage to roads, buildings and land. 	<ul style="list-style-type: none"> • Use globes and atlases to identify the location of tectonic plates and volcanoes. 	<ul style="list-style-type: none"> • They are similar / different because... • They are alike because they are both..... • A further similarity /difference is... • I know that... • I think... • On the map I can see... • The layers of the earth are different because... • The damage from an earthquake is... whereas the damage from a volcano is...