

ACTIVE PLANET

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| Active Planet | <p>As Geographers we are learning: To describe and understand key aspects of: physical geography, including: volcanoes and earthquakes. To ask and answer geographical questions about the physical and human characteristics of a location To explain own views about locations giving reasons.</p> |
| Learning Thread Focus | <p>Civilisation, Community and Culture How do communities cope with the effects of volcanoes and earthquakes? Cause and Consequence What is the human response to disasters?</p> <p>Civilisation, <ul style="list-style-type: none"> ● Prior learning KS1 Weather and Polar - impact of the weather on clothing, choices and places to live. Impact of ice caps melting. Cause and Consequence <ul style="list-style-type: none"> ● Future learning KS2 Extreme weather UK daily weather patterns and seasonal change. Tsunamis, tornados, droughts </p> |
| Core knowledge and in-depth study | <p>A study of how volcanoes and earthquakes occur, Develop an understanding of how it affects communities Study a recent earthquake and historical volcano (Pompeii) Learn about a recent earthquake/volcano and subsequent sustainability.</p> |

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| Key Vocabulary | <p>Active, ash, conduit, continent, core, crater, crust, destruction, devastation, disaster, dormant, earthquake, emergency, epicentre, erupt, extinct, eye witness, fault lines, lava, layers, location, magma, mantle, melt, molten, Mount St Helens, Pompeii, pressure, pyroclastic flow, Richter Scale, ring of fire, seismograph, sill, tectonic plates, vent, Vesuvius, volcano, Vulcan.</p> |
| Cross Curricular Links and wider influences | <p>Key texts- The Firework Maker's Daughter Escape from Pompeii</p> <p>Art-Study of artists such as Hokusai/Lichtenstien/William Turner/Warhol Compare work by these artists. Mixed media painting- use watercolour paint to produce washes for backgrounds then add detail. Use a number of brush techniques using thick and thin brushes to produce shapes, textures, patterns and lines. Experiment with creating mood colour.</p> |

| Timeline of Event –class timeline | | |
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| 1 | 74AD | Eruptions of Mount Vesuvius in Italy, |
| 2 | 1815 | Eruption of Mount Tambora |
| 3 | 1816 | The year without summer |
| 4 | 1883 | Mount Krakatoa Another of Indonesia's volcanoes, its eruption in 1883, killed over 35,000 people. |
| 5 | 1944 | Vesuvius erupted again |
| 6 | 18.5.1980 | Mount Saint Helens erupted |
| 7 | 10.7.2008 | Mount St Helens erupted again |
| 8 | 22.12.2020 | Mount Krakatoa erupted causing a deadly tsunami |

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| Learning Experiences | |
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