

Forces of Nature

<p>Main Subject Focus Geography</p> <p>Key Vertical Concepts Taught</p> <p>Place and Region</p>	<p>Intent: Why?</p> <p>Broaden understanding of our natural world and causes and effects of natural disasters. To also develop our understanding of human effects upon the environment and consequences. To develop knowledge of different areas of the world and how these are affected by natural phenomena.</p>	<p>Links to prior and wider learning</p> <p>Builds upon map work through previous topics and understanding of rivers and mountains. Builds upon geographical knowledge of both in UK and wider world.</p> <p><i>Raging Rivers and Majestic Mountains, Asian Discovery, Expedition Europe, Voyagers</i></p>														
<p>Knowledge</p> <p>Locational knowledge</p> <ul style="list-style-type: none"> locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) <p>Human and physical geography</p> <ul style="list-style-type: none"> describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle <p>Geography skills and Fieldwork</p> <ul style="list-style-type: none"> Use maps atlases, globes and digital/computer mapping to locate countries and describe features studied. 																
<p>By the end of this unit, pupils will learn:</p> <ul style="list-style-type: none"> - Plate tectonics and causes of earthquakes - Volcano formation and locations - Causes of Tsunami- events in recent history (2004, 2008) - Build upon knowledge of human effects upon environment- climate change - Impact of climate and weather- hurricane/ typhoon 																
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<p>Wider curriculum links:</p> <p>Art- Hokusai- The Great Wave PSHE- sustainability and care for environment Science- forces, habitats History- Pompeii</p>																
<p>Key Vocabulary/ Etymology</p> <p>Plate-tectonics, seismic, cataclysm, volcanic, eruption, tsumnami, hurricane, cyclone, tornado, typhoon tempestuous, volcanic, molten, formation, erosion, sustainability, deforestation</p>																
<p>Wow moment- Film news reports regarding natural disasters to be filmed for website, Natural History Museum Visit</p>																
<p>School Values- Pride and Success- Being proud of our diverse natural world and the successes of nature and our ability to utilise all that nature has to offer</p> <p>British Values- Mutual respect and Tolerance- having respect for the environment, being aware of how others live and being tolerant of and respecting difference</p>																