

Enquiry: <i>Why do some earthquakes cause more destruction than others?</i>																		
What the pupils will know	Geographical techniques the pupils will learn and apply	End Points of Learning																
<ul style="list-style-type: none">What causes an earthquake?The distribution of earthquakes occurring around the world.Why earthquakes happen at some locations but not others.How the magnitude of an earthquake is measured.Why earthquakes with the greatest magnitude do not necessarily cause the most deaths and destruction.What causes a volcano?Why volcanoes and earthquakes often occur at the same locations around the world.The location of the ‘Pacific Ring of Fire’ and why it is a hot spot for earthquakes and volcanoes.The location, cause and effects of the Christchurch (New Zealand) earthquake of 2011 <p>National Curriculum Coverage</p> <p>Pupils should be taught about:</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. <p>Human and physical geography</p> <p>Describe and understand key aspects of:</p> <ul style="list-style-type: none">Physical geography, including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. <p>Geographical skills</p> <ul style="list-style-type: none">Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.	<p>Statistical representation: Interpreting tabular data and drawing scatter graphs to indicate correlation, storyboarding</p> <p>Mapwork - Interpreting and annotating thematic distribution maps: Political, relief, population density, distribution of earthquakes and volcanoes, and constructing choropleth maps</p> <p>Imagery Terrestrial, aerial and satellite photographs and GIS <i>Google Earth Pro</i></p> <p>Disciplinary thinking skills the pupils will use to understand what they know</p> <table><tr><td>Describing</td><td>Giving an account of something</td></tr><tr><td>Selecting</td><td>Choosing the information most suitable and relevant</td></tr><tr><td>Sequencing</td><td>Arranging events or artefacts in their correct time order</td></tr><tr><td>Comparing and contrasting</td><td>Finding similarities and differences in how people lived at different times</td></tr><tr><td>Reasoning and speculating</td><td>Forming ideas about something without firm evidence</td></tr><tr><td>Synthesising</td><td>Combining a range of ideas and facts from different sources</td></tr><tr><td>Explaining</td><td>Showing understanding of how or why something happened</td></tr><tr><td>Empathising</td><td>Placing yourself in another’s position to better understand their actions.</td></tr></table> <p>SEND</p> <p>In line with our school policy, we ensure inclusion through constructing enquiries which are graduated in ‘bite size’ steps allowing for the setting of personalised targets, a broad range of learning and teaching strategies including questioning, working with additional adults where appropriate and a holistic approach to assessing achievement.</p>	Describing	Giving an account of something	Selecting	Choosing the information most suitable and relevant	Sequencing	Arranging events or artefacts in their correct time order	Comparing and contrasting	Finding similarities and differences in how people lived at different times	Reasoning and speculating	Forming ideas about something without firm evidence	Synthesising	Combining a range of ideas and facts from different sources	Explaining	Showing understanding of how or why something happened	Empathising	Placing yourself in another’s position to better understand their actions.	<p>Pupils making a good level of progress will:</p> <ul style="list-style-type: none">Describe and explain what causes an earthquake.Locate, describe and explain the distribution of earthquakes occurring around the world.Explain why earthquakes happen at some locations but not others.Describe how the magnitude of an earthquake is measured.Explain why earthquakes with the greatest magnitude do not necessarily cause the most deaths and destruction.Describe and explain what causes a volcano.Explain why volcanoes and earthquakes often occur at the same locations around the world.Identify and locate the ‘Pacific Ring of Fire’ and explain why it is a hot spot for earthquakes and volcanoes.The location, cause and effects of the Christchurch (New Zealand) earthquake of 2011 <p>Pupils working at greater depth will also:</p> <p>Understand the concept of ‘hazard’ in Geography and how both natural and human events can cause hazards for people living in different parts of the world</p> <p>Prior Learning</p> <p>Earlier in Key Stage 1 pupils learned about:</p> <ul style="list-style-type: none">The causes and effects of the eruption of Vesuvius in AD 79 in HistoryThat the weather can sometimes cause natural hazards such as storms, floods and drought
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