

Thematic Planning for the Spring Term
Active Earth – ‘Shake, Rattle & Roll’
Year 6

Big Questions	
<ol style="list-style-type: none"> 1. Is there a relationship between tectonic boundaries and disaster locations? 2. Does the measured severity of an earthquake have an impact on the amount of destruction caused? 3. Are there ways in which people can reduce the impact of Natural Disasters? 	
Values Question	
<i>How can we help those who are suffering in the wake of a natural disaster?</i>	
Knowledge	
<ul style="list-style-type: none"> • Know about longitude and latitude • Know about the difference in time zones • Know where the ring of fire is and locate it on a map • Know about the tectonic plates and the effect they have on the planet • Know how volcanoes and earthquakes occur • Know how people across the world are affected by global disasters • Know how volcanoes are formed • Know the effects of climate change on the weather 	
Vocabulary	
magma, lava, viscosity, crater, tectonic plates, earth’s core, crust, aftershock, Richter scale, amplitude, seismic, longitude & latitude	
Skills	
Geography	<p>Investigate places Identify and describe the geographical significance of latitude, longitude, equator, northern and southern hemisphere and time zones Investigate how societies have adapted to living in disaster-prone areas.</p> <p>Investigate patterns Use Geographical Sources to develop Key Lines of Enquiry Identify places in which earthquakes occur using a variety of sources (newspaper articles, accounts) Collect and analyse statistics and other information in order to draw clear conclusions about locations (tectonic plates and earthquake locations). Identify and describe the geographical significance of tectonic plates in relation to earthquakes. Hypothesise the likelihood of a disaster in a given location using extrapolation of created sources (earthquake) Identify places in which Volcanoes occur using a variety of sources (including accounts and recounts)</p> <p>Communicate Geographically Devise maps of locations identify patterns (tectonic plates and earthquake zones – tracing paper) Conduct an independent geographical enquiry into volcanoes. Explain how societies have adapted to living in disaster-prone areas.</p>



<p>Design Technology</p>	<p>Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose. Plan the order of their work, choosing appropriate materials, tools and techniques. Identify the strengths and areas for development in their ideas and products Know how to reinforce and strengthen a 3D framework. Evaluate their products, identifying strengths and areas for development, and carrying out appropriate tests.</p>
<p>Art</p>	<p>Painting Purposely control the types of marks made and experiment with different effects and textures inc. blocking in colour, washes, thickened paint creating textural effects. Mix colour, shades and tones with confidence building on previous knowledge</p>

