

Year 6

Angry Earth



Through this topic the children will learn the following:

Science	<p>Develop the following scientific skills by carrying out an erupting volcano experiment. Draw conclusions supported or refuted by evidence.</p> <p>Be able to suggest further comparative or fair tests that develop an investigation.</p> <p>Recognise and control variables where necessary. Record data and results of increasing complexity</p>
Geography	<p>Understand the problems caused by disasters and the impact this has on humans.</p> <p>Understand how volcanoes erupt. Describe and understand physical geography.</p> <p>Show on a world map where natural disasters have occurred.</p> <p>Understand that there are different types of volcanos and lava flows.</p>
History	<p>Comment with confidence on the value of a range of different types of source for enquiries. Report and present findings from enquiries-causal relationships. Address and devise historically valid questions.</p> <p>Explain the impact of the Vesuvius eruption. Write an eye witness account by drawing upon primary sources</p>
Music	<p>Explore a pentatonic scale.</p> <p>Explore how musical texture can create atmosphere.</p> <p>Link musical ideas and structure together to create contrast and drama in a composition.</p>
Art and design	<p>Analyse art work of volcanoes.</p> <p>Use the technique of sgraffiti- scratching to create images of volcanoes.</p>
Design and technology	
Computing	<p>Deconstruct a problem into smaller steps, recognising similarities to solutions used before. Explain and program each step in algorithm.</p>

	<p>Evaluate effectiveness and efficiency of an algorithm.</p> <p>Use variable operators to stop a program.</p> <p>Use logical reasoning to detect and correct errors in algorithms and programs.</p>
PSHE	<p>I can explain ways in which difference can be a source of conflict or a cause for celebration and can show empathy with people in either situation.</p>
RE	<p>I can explain how one of the reasons people use to suggest that Christianity is a strong religion today can be counteracted.</p>