

Year 4 Autumn 1 Project homework: **Tremors**



<p>Research a volcanic eruption, earthquake or tsunami of your choice such as the Indian Ocean Earthquake and Tsunami of 2004. <i>(Please note, we will be learning about Mount Vesuvius 79AD and Eyjafjallajökul in 2010)</i></p>	<p>Create a world map showing where famous eruptions and earthquakes have occurred. Add images and notes to show/give extra information.</p>	<p>Find out about The Richter Scale. Make a poster to outline how it works.</p>	<p>Find out about the different types of volcanoes, e.g. shield volcano. Complete a labelled diagram to show how they differ in appearance from one another.</p>
<p>Find out why people choose to live near volcanoes despite the risks. Consider factors such as the soil and tourism.</p>	<p>Make your own erupting volcano using baking soda, vinegar and food colouring!</p> <p><i>(We will be doing this in class but you are welcome to repeat the activity at home with your family)</i></p>	<p>Research the different parts inside a volcano. Draw a picture of a cross-section of a volcano, label each part and its function.</p>	<p>Design an earthquake-proof house or shelter. How could you make it strong enough to withstand an earthquake?</p>
<p>Write a diary entry based around your survival of a natural disaster. Use knowledge from class about where you might be in the world and what could happen during the event.</p>	<p>Choose two different mountain ranges to research and compare. Your findings can be presented in any way you wish; use a model, a painting, an information booklet or even a PowerPoint presentation.</p>	<p>Help a sibling with their homework and take photos or write about what you did.</p>	<p><i>Blank for your own idea:</i></p>

Please complete **three tasks** and bring them in as soon as you can so we can marvel at your creations and pop them on display. Feel free to take photographs too and send them in on Class Dojo. Tasks can be completed in a variety of ways - be as creative as you want!