



Your topic for this half term is: Disaster Strikes!

Each day, choose something from the grid to help you gain knowledge about your topic Disaster Strikes! You should spend at least 30 minutes on this each day. Please note, most of the activities may take you a number of days to complete.

We would love to see your completed work! Please send any completed learning activities to the school office email address for the attention of your teacher.

<p><b><u>Start of the topic journey:</u></b></p> <p>1) Research fun and exciting facts and information about natural disasters. Use your facts to create a fact-file, leaflet, an illustrated mind-map or an information page.  <a href="https://kids.kiddle.co/Natural_disaster">https://kids.kiddle.co/Natural_disaster</a>  <a href="https://www.youtube.com/watch?v=HaEmlakO7f4">https://www.youtube.com/watch?v=HaEmlakO7f4</a></p> <p>2) Create a timeline of 10 major earthquakes that have happened throughout history. Did any other natural disasters happen as a result of these earthquakes? E.g. a Tsunami or a volcanic eruption?</p>	<p><b>Writing Activities:</b></p> <p>- Write a survival guide on how to stay safe during an earthquake.  <b>Challenge: use subheadings to organise each section of your guide.</b></p> <p>- Research the volcanic eruption of Pompei and write a news report about the event.  <b>Challenge: include an interview with a survivor and use inverted commas.</b></p> <p>- Choose one charity that provides relief after a natural disaster. Use persuasive features to create a poster for your charity encouraging people to donate.  <b>Challenge: include rhetorical questions.</b></p>	<p><b>Writing Activities:</b></p> <p>- Imagine a hurricane hit London. Write a letter to your friend to explain what happened.  <b>Challenge: use paragraphs to structure your letter.</b></p> <p>- Write a poem about a natural disaster including onomatopoeia. Put your poem to music using the website below.  <a href="https://learningmusic.ableton.com/make-beats/make-beats.html">https://learningmusic.ableton.com/make-beats/make-beats.html</a>  <b>Challenge: make your poem rhyme.</b></p> <p>- Create a superhero who protects against natural disasters. Write a story about one of their adventures.  <b>Challenge: create suspense in your writing using ellipses.</b></p>	<p><b>Topic:</b></p> <p>Create a 3d model or labelled diagram to identify the four layers of the Earth; the crust, mantle, outer core and inner core.</p> <p><b>Challenge: describe the properties of each layer.</b></p>
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<p><b>Topic:</b></p> <p>Draw and label a cross-section of an earthquake.</p> <p><b>Challenge: become a geologist and write about what happens when a volcano erupts.</b></p>		<p><b>Topic:</b></p> <p>List the countries in the Ring of Fire. Using this map can you plot the ring of fire?</p> <p><a href="https://www.mapsinternational.co.uk/downloads/world_pol_flat.pdf">https://www.mapsinternational.co.uk/downloads/world_pol_flat.pdf</a></p> <p>Why are Earthquakes and volcanic eruptions more likely to erupt here? What is the theory of plate tectonics?</p>
<p><b>Art and Design:</b></p> <p>Watch videos of famous natural disasters. How do the images make you feel? What colours, shapes and textures can you see?</p> <p>Using magazine cut outs, drawings, patterned paper and fabric create a collage of a natural disaster.</p> <p>Steps to Success: - Ensure your textures represent the features. Water can be smooth and silky. Flame might be thin paper or tissue paper. - Think carefully about the colours you are using to represent your natural disaster. Blue for flood, red and orange for a volcanic eruption.</p> <p><b>Challenge: you are a scientist observing this disaster. Add speech bubbles to explain what is happening.</b></p>	<p><b>Art and Design:</b></p> <p>Design your own house to protect you from a natural disaster. This could be a drawing that is labelled or a model you can build.</p> <p>Steps to success: - Choose one natural disaster your house would protect you from. Eg- a flood, can your house float? Hurricane – is your house underground? Volcano- is your house made from thick steel? - Choose your materials and label your drawing/ model. Explain why you chose them. - Explain all the fun facts about your house, for example how many people can it fit? How many rooms does it have?</p> <p><b>Challenge: design a house that can protect you against more than one natural disaster?</b></p>	<p><b>Maths - Reasoning Challenge:</b></p> <p>Your school is in a disaster zone and must close. You have been given the job of working out the materials needed for your class of 30 children.</p> <p><b><u>Each child needs these items</u></b>  <b>5 pencils, 5 exercise books, 1 ruler, 1 dictionary, 1 pair of scissors, 1 mini whiteboard, 5 whiteboard pens</b></p> <p>Use the price list below to work out how much it is going to cost to equip a class of <b>30 children</b>. Record your working out.</p> <div style="border: 2px solid red; padding: 10px; margin-top: 10px;"> <p><b>Whiteboard pens: £2 for 10</b>  <b>Scissors: £4.50 for 5 pairs</b>  <b>Dictionary: £10 for pack of 5</b>  <b>Mini Whiteboards: £20.00 for 30</b>  <b>Exercise books: £15.00 for 30</b>  <b>Pencils: £20 for 100</b>  <b>Rulers: 5 for £2</b></p> </div>