

Project Focus: Tremors

Suggestions of activities children might like to complete:

- With a parent or carer, create a mini erupting volcano using baking soda and vinegar. Wow! Take photographs to show how you made it.
- Design a poster to show a volcano's main features. Make sure you label its important parts.
- Research a volcanic eruption of your choice (not one you've studied in class). Produce a fact file about the eruption, including: (a.) a sketch map to show its location (b.) a description of the eruption (c.) an explanation of why it erupted (d.) details about the eruption's impact (both short and long-term).
- Find out why people still live close to volcanoes despite the risks. Think about soil, new land, building materials, mineral deposits, hot springs and spas, electricity and tourism.
- What is the Richter scale?
- Imagine you have just survived an earthquake. Write a short story about what happened. Make sure you include factual information such as the earthquake's strength. Use geographical words in your account such as tremor, seismic isolator, aftershock and epicentre.
- Design an earthquake-proof house. How could you prevent the building from collapsing during an earthquake?
- Create a project dictionary that explains key volcano vocabulary in your own words.

Suggestions of possible places to visit or websites to research:

Volcanoes – Weather Wiz Kids	A useful website with detailed information and photographs.
Volcanoes – Fascinating facts! - CBBC Newsround	Volcano facts for children, with information about a real volcanic eruption in Iceland.
Volcanoes 101 – National Geographic	A three-minute video explaining how a volcano erupts, with some specialist vocabulary. Includes a short description of Mount Vesuvius, in Pompeii.
Volcanoes – BBC Science	
What is a volcano? – 3D Geography	Information about how volcanoes are formed and famous volcanoes.
Earthquakes 101 – National Geographic	A three-minute video about earthquakes, including how they are measured and their devastating effects.
Why do earthquakes happen? – CBBC Newsround	Child-friendly explanation of why earthquakes occur and why they are dangerous.
'Loud boom' as earthquake hits Nottinghamshire – BBC News	A news report on the earthquake that struck Nottinghamshire in Oct'14