



Let's Investigate...

# Volcanoes and Earthquakes

Key Stage 2

Session length: 90 minutes

Session size: up to 32 pupils

## Session Summary

- The pupils begin by recounting what they already know about volcanoes and earthquakes.
- We then look at the structure of the earth, tectonic plates and tectonic movement
- **Volcanoes section:** Pupils handle different volcanic materials including pumice, obsidian and basalt.
- Pupils observe a miniature eruption using bicarbonate of soda and vinegar
- **Earthquakes section:** We discuss how earthquakes are measured and where large earthquakes take place.
- Pupils finish the session designing 'earthquake proof houses' which they put to the test on our wobble-boards.