



Year 3: Spring

Rocks, Relics and Rumbles



Key Questions

Engage

What makes up the Earth?

Develop 1

What are volcanoes? Why do volcanoes erupt?

Develop 2

What are the long and short term consequences of earthquakes and tsunamis?

Innovate

How can I write a newspaper report about a natural disaster?

Book List

The Firework-Maker's Daughter

Earth! (DK Find Out)

Volcanoes! (DK Find Out)

Discover Science: Rocks & Fossils

Vocabulary

Aftershock, architecture, ash cloud, cardinal point, cinder cone volcano, composite, composition, continental, crust, drift, earthquake, eruption, evacuation, excavation, extrusive, intrusive, igneous, sedimentary, metamorphic, fossil, fossilisation, tsunami, magma, mantle, Pangea, soil

Companion Projects

Forces and Magnets - Science

Ammonite - Art and Design

People and Places - Art and Design

Making it Move - D&T

Programmes of study

Geography

- ✓ Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.
- ✓ Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/ Greenwich Meridian and time zones (including day and night).
- ✓ Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- ✓ Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America.
- ✓ Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

English text types - Non-chronological reports, shape poems, diaries, newspaper reports and balanced arguments.

Science investigations

- Investigate rocks and sort according to its properties
- Measure and observe contact forces using Newton meters.
- Investigate and measure the strength of different magnets.

Ozzie 80 Opportunities

- Take part in a science experiment
- Have a debate
- Help improve our school wood