

Year 3 Spring Key Stage 3/4

Theme: Extreme Environments

Topic: Violent Volcanoes



English Core Text

Journey to the Centre of the Earth (Sarah Courtauld)

A rip-roaring adventure story, this is the story of Jules Verne's classic sci-fi novel, retold for younger readers. Intrepid explorer Professor Liedenbrock leads a dramatic expedition to an Icelandic volcano, where a secret tunnel leads to the very centre of the earth.

Supplementary texts:

Fiction-

Non-fiction- The Street Beneath My Feet (Charlotte Guillian)

A Rock is Lively (Dianna Hutts Aston)

Poetry-

Genres to be covered:

*Descriptive: Journals, Diaries or letters (*including blogging or writing to persuade*)

*Expository: Recount (*including procedural*)

*Expository: Reports (*including non-chronological, historical, scientific or descriptive*)

Science (Rocks and Soils)

Suggested activities: Different types of rocks. Rocks are made from organic matter. Layers of the Earth. Volcanoes- how they are formed, what happens in an explosion, label the different parts/ layers of a volcano. Fossils and volcanic fossils (Pompeii).

Volcano explosion science experiment (use DT project models).

Practical Action STEM Project: Smoky Homes

Foundation knowledge:

Next steps: Know about and explain the difference between sedimentary, metamorphic and igneous rock. Know how fossils are formed.

Design Technology

Suggested activities: Build/ make a Papier Mache/ Modroc volcano- research what it should like look and create the right shape and structure using chicken wire or other mouldable materials.

Foundation knowledge: Construct with a purpose in mind.

Safely use and explore a variety of tools, materials and techniques

Next steps: Measure materials to use in a model or structure.

Maths (NSPCC Number Day- February)

Measures & Geometry: Shape, lines and direction

Fractions: Recognise, find and name a selection of fractions

Decimals: Positive, negative and decimal numbers (including Money)

Statistics: Tables and charts

Curriculum Links Outlined on FHS Maths Progression Document

Geography

Suggested activities: Compare the UK and Italy- climate/ physical geography/ volcanoes (active and inactive). Arthur's Seat/ Vesuvius/ Icelandic volcanoes. Ring of Fire (Pacific Ocean).

Foundation knowledge: Compare/ discuss similarities and differences between two or more countries- relate to weather/ land

Next steps: Impact of volcanoes on the environment.

Creative Arts

Suggested activities: Create fossils using clay/ plaster cast/ playdough/ salt dough etc.

Make rubbings of different patterns e.g. tree stumps, shells, fossils.

Use different 'rocks' to draw e.g. chalk

Foundation knowledge: Using tools to add detail

Making a representation of something else

Next steps: Explore a range of drawing mediums (charcoal, pencil, pastel) to create art.

PSHE

Spin Off Theatre Workshops
College Meetings
School Council

Jigsaw

Dreams & Goals
Healthy Me

History

Suggested activities: Pompeii- timeline of Vesuvius eruption. Legacy

Foundation knowledge: Recognise similarities and differences between ways of life in different periods.

Next steps: Events beyond living memory significant globally.

RE

Suggested activities: Chinese New Year, Passover, Easter

Aware that they and their friends may celebrate the same or different things