



Extreme Earth

Geography Intent

Our geography teaching develops a greater understanding and knowledge of the world. We inspire curiosity and fascination about the world and its people and prepare pupils for life on an increasingly globalised planet. This will remain with them for the rest of their lives and will promote the children's interest and understanding of diverse places, people, resources and natural and human environments, together with a deep understanding of the Earth's key physical and human processes. Our curriculum is designed to develop knowledge and skills that are progressive, as well as transferable. Children achieve depth in their learning through carefully selected themes based on local geography that contrast with other worldwide locations.

English – National Curriculum/Skills

- Using a model non-chronological report created by the teacher, children write their own report about earthquakes and volcanoes.

Pupils can:

- identify the audience and purpose for my writing
- use paragraphs to organise ideas
- use a wide range of devices to build cohesion within and across paragraphs: (determiners, pronouns, conjunctions, adverbs & ellipsis of expected words)
- use further organisational devices to structure text and to guide the reader (for example: headings, bullet points, underlining).

Overview

Using knowledge acquired through the topic, children will write their own non-chronological report about earthquakes and volcanoes.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 5

- evaluate and edit by assessing the effectiveness of their own and others' writing
- ensure consistent/correct use of tense mostly in a piece of writing
- write complex sentences selecting and using an increasing range of co-ordinators and subordinators
- use fronted adverbials to give detail about when, where and how
- link ideas across paragraphs using adverbials of time (time-later, place- nearby, number- secondly) or tense choices (he had seen her before)
- use brackets, dashes or commas to indicate parenthesis
- use semi-colons, colons or dashes to separate main clauses within compound sentences
- use relative clauses (who, whom, those, which, that)

Geography – National Curriculum/Skills

- Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom
- Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

Overview

Understand some of the effects of plate tectonics.

Learn about the effects of seismic waves.

To make a seismograph and understand how seismic waves are recorded and measured.

To gain an understanding of life in an earthquake or volcanic hotspot zone.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 5

- Explain what causes tsunamis, earthquakes and volcanoes and how they affect people
- Locate and name some of the world's most famous volcanoes and earthquakes (that have happened in the past)
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- 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
- Describe and understand key aspects of earthquakes and volcanoes; Use maps, atlases, and globes to locate countries and describe features studied.

To understand why and how engineers construct earthquake proof buildings and how to prepare for a volcanic eruption. To make an earthquake proof structure using simple materials.

To understand how to survive in a volcanic or earthquake hotspot area (how to make buildings earthquake proof).

Art and Design – National Curriculum/Skills

- The children will create sketches to record their observations and designs.
- Show life like qualities and real life proportions using tools to carve, add shape, texture and pattern.
- Skill include:

Overview

The children will use mixed media to create volcano art and clay 3D models, others may use materials.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Year Group: 5

Nunthorpe Primary Academy

- using sketches to produce a final piece of art
- identifying the techniques used by different artists
- using a range of brushes to create different effects in painting.

Debate & Discussion Opportunities	Trips and Experiences	Possible Linked Texts
Would you live near a volcano? Share arguments for and against. How would we help people to survive a natural disaster?		