



Summer 2 – Extreme Earth

Science Intent

Through science, children are taught to be curious about the world around them. Our curriculum is stimulating, engaging and challenging and ensures full coverage of the National Curriculum. It fosters a sense of wonder about natural phenomena. Children develop and use a range of scientific skills including questioning, fair-testing and drawing conclusions. Scientific vocabulary is taught and built upon as topics are revisited progressively in different year groups and across key stages.

English – National Curriculum/Skills

By exploring stories and poetry, the children are given examples to read and analyse. They will then draft and write by composing and rehearsing sentences. They will assess the effectiveness of their own and others' writing and suggest improvements with grammar and use of pronouns, spelling and punctuation errors and read their own writing aloud to a group or the whole class.

The pupils will extend the range of sentences with more than one clause by using a wider range of conjunctions, including: when, if, because, although.

The following skills will be taught:

- The use of capitals, full stops, question marks and exclamation marks.
- To write neatly in a consistent style and size.
- Understand purpose of writing and awareness of audience.

Overview

The pupils will create exciting poetry to describe an erupting volcano developing their choice of vocabulary and use of creative writing devices.

The children will write part of a warning story about a dangerous scenario the characters find themselves in, focusing on the composition and their use of paragraphs for structuring story writing. Once completed, the children will peer assess and then make improvements, if required. They will focus on ways to create tension such as 'show not tell' descriptions and extend their range of sentences with conjunctions. The children will develop their use of speech marks by using a direct speech story opening and a linked ending of their own.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Year Group: 3

Nunthorpe Primary Academy

- Write different types of sentences which are statements, questions or commands.
 - use fronted adverbials
 - begin to use embedded clauses
- using and punctuating direct speech

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
- I can explain what causes tsunamis and how they affect people.
- I can use an atlas by using the index to find places
- I can locate and name some of the world's most famous volcanoes
- I can use some basic Ordnance Survey map symbols
- I can describe what you find underground
- I can explain how volcanoes are formed.
- I can explain how volcanoes affect people's lives.

Overview

The children will make a model earth, exploring the three layers and how volcanoes are formed by tectonic plates. They will create exciting practical experiments such as building a volcano based upon lava flow and work as 'volcanologists' analysing the way different volcanos are formed. They will weigh up the arguments for and against living near a volcano and look at where they are found on earth, creating their own maps to show 'The Ring of Fire'. The pupils will understand how eruptions affect the world and people who live nearby. Finally, they will conduct practical experiments to explore how earthquakes and tsunamis happen.



MEDIUM TERM PLANNING | UNIT OBJECTIVES

Nunthorpe Primary Academy

Year Group: 3

- I can explain what causes earthquakes and how they are measured

Art and Design – National Curriculum/Skills	Overview
<ul style="list-style-type: none">The children will create sketches to record their observations and use them to review and revisit ideasThey will improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.Skill include:<ul style="list-style-type: none">- 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	The children will use mixed media for volcano art. With inspiration from images from a natural disaster, the children will use basic perspective drawing techniques to draw roads and buildings. They will explore Hokusai's art work depicting natural disasters.

Debate & Discussion Opportunities	Trips and Experiences	Possible Linked Texts
<p>Would you live near a volcano? Share arguments for and against. How would we help people to survive a natural disaster?</p> <p>Children imagine they are setting up a charity to rescue people after an earthquake.</p>	Christmas Production – Y3 lead	The Caravan by Pie Corbett