



Year: 5

Term: Autumn 1



Natural Disasters

Theme Overview

This topic is based on learning about different natural disasters, including volcanoes, tsunamis and hurricanes, and their impacts on the population and the surrounding areas. Our learning will focus not only on the processes which lead to these disasters, but also the impacts that these events have on human and physical geography. We will be combining art, DT and science to create our own natural disasters in the playground.

Our creativity will be on full display while presenting and applying our geographical understanding of natural disasters through a range of different outcomes. Our focus text will be *The Boy at the Back of the Class*, encompassing class discussions focused on refugees and immigrants.

ART

Create mixed media paintings- Exploding Volcanoes – inspired by Nick Rowland.

Dream big or small:
introducing architecture – design and build a house to meet the needs of a consumer



COMPUTING

Online safety:
Responsibilities and Support when Online
Protecting your privacy
Reporting content

PSHE

New Beginnings
Class rules
Belonging to a school community

HOOK INTO LEARNING

Volcano art inspired by UK artist Nick Rowland

TOPIC FINALE

Presentation to Year 2 (Inc. Elephant toothpaste explosion)
Weds 22nd October at 2:30pm

GEOGRAPHY

Earthquakes – fault lines, tectonic plates, Richter scale
Volcanoes – What's underneath a volcano? Earth's mantle, the Ring of Fire, Pompeii, Eyjafjallajökull.
Create a mod roc volcano
Floods – Dams, links to global warming. Explore the designs of dams around the world and evaluate their impact on flood prevention.

MATHS

Number and place value:
Using numbers up to millions
Rounding 10,100 and 1000
Comparing and ordering numbers to 100,000

SCIENCE: Space

Hands-on investigation to help understand the phases of the moon and lunar orbit.

Identifying planets and their orbits

Using a Newton scale to measure force.

PE

Netball
Hockey

RE

Judaism and Christianity

ENGLISH

The Shackleton Expedition: the life of Ernest Shackleton and his crew through letter writing, descriptive narratives, recount writing, persuasive speeches and drama

DT

Incorporating electrical switches to models to create a working alarm system

MUSIC

Make you feel my love: Learning to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads.