



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. 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

Drawing the science of tsunamis

Recreate 'The Scream' by Edvard Munch.



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

Elephant toothpaste explosion

GEOGRAPHY

Earthquakes – fault lines, tectonic plates, Richter scale
Volcanoes – What's underneath a volcano? Earth's mantle, Hawaii formation, Pompeii, Eyjafjallajökull 2010.

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: Earth and Space

Moon phases, planetary and lunar orbit, using a Newton Scale, experimenting with force and impact craters.

MUSIC

Using instruments to make soundtracks to natural disasters- inspired by London Symphony Orchestra

RE

Judaism and Christianity

PE

Netball

Hockey

ENGLISH

The Shackleton Expedition: letter writing, descriptive narratives, newspaper articles