



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 volcanoes that shall erupt in front of our very eyes! Our creativity will be on full display in our topic presentations to the Year 2s.

GEOGRAPHY

Earthquakes – fault lines, tectonic plates, Richter scale
Volcanoes – What's underneath a volcano? Earth's mantle, the Ring of Fire and Pompeii.

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.

Hurricanes – Study how hurricanes form and the damage caused by Hurricane Katrina



HOOK INTO LEARNING

Volcano art inspired by UK artist Nick Rowland

TOPIC FINALE

Presentation to Year 2 (Inc. Elephant toothpaste volcano eruptions)

COMPUTING

Online safety:

Responsibilities and Support when Online
Protecting your privacy
Reporting content

ART

Typography and maps

Exploring how we can create typography through drawing and design, and use our skills to create personal and highly visual maps

MATHS

Number and place value:

Roman numerals

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.

PSHE

Foundations of Wellbeing
New Beginnings
Class rules

PE

Game sense invasion

Tag rugby

RE

Judaism and Christianity

MUSIC

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

ENGLISH

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