

ENGLISH (writing)

Non-Fiction

Explanation Texts: Children will explain how and why volcanoes erupt as part of their investigation into natural disasters. They will identify the main structures and conventions of such texts and formulate their own ideas **#investigate #explore**

Journalistic writing: Children will investigate recent natural disasters by reading and listening to reports and news articles. Children will listen to news reports – and perform their own version of 'The News'. **#shareastory #perspectives #makingconnections #creativeexpression**

Fiction

Description: After reading and discussing a range of recounts, children will use descriptive language to write a fictional recount.

Poetry: Children will write poems based on the Japanese Haiku **#shareastory #perspectives #creativeexpression**

MATHS

Using concrete, pictorial and abstract resources children will improve their fluency, reasoning and problem-solving skills in the following areas:

Place Value:

Children build on previous learning to explore numbers up to 10,000,000

Addition, subtraction, multiplication and division:

Small steps to extend children's learning of how to add and subtract multiply and divide integers with any number of digits including mental and formal written methods. They will also study common factors, multiples and prime, square and cubed numbers along with rules of divisibility.

Fractions: Children will apply knowledge of factors and multiples to identify equivalent fractions and to simplify and then to multiply fractions and mixed numbers by integers.

Converting units: children will recognise, read and write all metric measures for length, mass and capacity. They will also be introduced to tonnes as a measure for mass.

#investigate #resilience #explore

GEOGRAPHY

Locational Knowledge (UK and World)

Using maps, aerial photographs and online navigation/mapping programmes, children will recap knowledge of continents, oceans along with major European and South American countries

Human and Physical:

Before exploring where volcanoes, earthquakes and other natural disasters occur they will consider why people choose to build settlements in these areas whilst comparing and contrasting the human and physical features of such places

Weather: The children will investigate the climate and weather of particular areas that are susceptible to natural disasters in particular, volcanic eruptions and earthquakes

#makingconnections #investigate #explore #justify #resilience

ENGLISH (reading)

Fiction

Class reader will include Kensuke's Kingdom by Michael Morpurgo and Darwin's Dragons by Lindsay Galvin.

Children will also read extracts that include descriptive and figurative language so that they can apply to their own written work

Non-Fiction:

A range of information texts and journalistic reports will be studied in order to identify key language and structural conventions in order to create their own written pieces

#shareastory #perspectives #explore #creativeexpression

SCIENCE

Biology: Evolution and Inheritance

This unit looks at the evolution and the theory of Charles Darwin, as well as exploring natural selection. We also focus on palaeontologist Mary Anning and what fossils can tell us about the past. We then look at modern genetics, giving learners the opportunity to consider the morality of genetic modification. From the history of evolution to modern-day scientific innovations, this unit ensures learners understand and challenge scientific theories and ideas.

Physics: Light

In his unit the children learn how to: recognise that light appears to travel in straight lines; use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye; explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes; and finally, children learn how to use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

#investigate #explore #makingconnections #justify

HISTORY

Historical knowledge and understanding:

As part of the Geography based topic the children will research significant natural disasters that have impacted humans across the world.

They will plot them on a timeline in order to notice any patterns relating to time or data collected relating to climate change.

<https://www.livescience.com/biggest-natural-disasters-throughout-history>

#explore #investigate #makingconnections #perspectives

Perspectives

Explore

Share a Story

Investigate

Connections

Resilience

Creative
Expression

Enterprise

Justify



Year 6 Autumn – Are natural disasters caused by humans?



PSHE

Every term we will discuss and reflect how to stay safe (including e-safety) and recognise and discuss a range of emotions and strategies to cope with different feelings.

FRIENDS & FAMILY: We will recognise the characteristics of healthy and unhealthy relationships /friendships. We will also discuss different kinds of secrets and the implications of keeping and sharing secrets.

HEALTHY MIND: Know that many people experience mental ill health and investigate a range of ways to manage and improve mental health. Describe simple self-care techniques including rest, time spent with family and friends, exercise, hobbies and interests.

#resilience#shareastory#connections

ART

Drawing:

Featuring the Japanese artist Hokusai, children will analyse his works and then use a range of skills to create a 'disaster' masterpiece. Confidently use a range of dry and wet media and range of marks to show tone, shape, line and texture. Develop an awareness of scale, proportion, depth and shadow whilst depicting movement in their work

3D:

Children will look at 3d sculptures depicting natural disasters and then aim to create a 3D style map

#creativeexpression #perspectives #shareastory

COMPUTING

Every term we develop e-safety awareness and the basic knowledge and skill required to access the computing curriculum.

DIGITAL LITERACY: Confidently select, and justify choices, from a range of software and applications to create appropriate digital products.

INFORMATION TECHNOLOGY: Understand computer networks and review the key internal parts of a computer.

COMPUTER SCIENCE: write algorithms and programs confidently using events, repeats, selection and variables

Use a range of programming software. **#connections #explore**

MUSIC

Listening to 6th Symphony 'The Storm' 4th movement – Beethoven amongst other pieces will allow us to understand how the combined musical elements can be organised within musical structures to communicate moods and atmospheres and effects. This will provide the inspiration for us to explore, select, combine and organise musical ideas within a structure

#perspectives #shareastory #creativeexpression

RE

FAITH COMMUNITIES IN THE UK: Learn about the major faiths followed in the UK including Christianity, Hinduism and Muslim. We will begin to use some philosophical language and an increasingly wide religious and moral vocabulary to explore and suggest reasons for the similarities and differences in beliefs and teachings, both within and between religions. We will visit the places of worship of these faiths to enhance our understanding of the similarities and differences.

#makingconnections #perspectives #shareastory

DESIGN

Digital World: Navigating the world

Children will write a program that displays an arrow to indicate cardinal compass directions with an 'On start' loading screen. Identify errors (bugs) in the code and suggest ways to fix (debug) them.

Identify key industries that use 3D CAD modelling and why. Combine more than one object to develop a finished 3D CAD model.

Complete a product pitch plan that includes key information

#enterprise #explore

PE

Invasion Games: Basketball & Dodgeball

Children will refine the skills of will attack, defence and evasion whilst always upholding the spirit of fair play. They will evaluate performance, celebrate achievements and suggest improvements.

Net/wall Games: Tennis

Children will develop their range of shots and placement upon the court. Hand-eye coordination and reaction speed will also continue to improve.

Gymnastics

Children will create sequences of skills using the floor and apparatus. They will refine individual and partner work to improve balance, co-ordination, stillness, body tension and alignment.

#resilience

SPANISH

Children will understand increasingly longer sections of the Spanish language when listening, speaking and reading. They will initiate and sustain conversations in pairs, small groups and an audience using the correct pronunciation and intonation.

Children will also write sentences, and extended texts, using the correct vocabulary and grammatical structures.

#shareastory #perspectives #explore

ENHANCEMENT & CELEBRATION

Formby Beach: Looking at the geographical features of the area and the effects of climate and weather. Children will also consider the positive and negative effects of human footfall in the area/environment

Local Area Walks: Children will consider the geographical features of the local area and the effects of 'natural disasters' such as flooding and drought. Children will also use maps and compasses to navigate the local area and make connections with the o.s symbols and the terrain.

Perspectives

Explore

Share a Story

Investigate

Connections

Resilience

Creative
Expression

Enterprise

Justify