Moorside Community Primary Academy - Theme Overview

Year: 4 Term: S2 2024 Theme: Natural Disaster

Key Learning

1	Natural Disasters compared to man-made disasters	
2	Volcano- how are they created?	
3	Tectonic plates and how they contribute to natural disasters	
4	Tsunamis- how are they created?	
5	Earthquakes- how are they created?	
6	Where are the majority of volcanoes located?	
7	The history of Pompeii and Mount Vesuvius.	
8	Longitude and latitude in relation to the equator	
9	Societies that live alongside active volcanoes/earthquake zones	

Key People/Places/Facts

1	Tsunami	Giant wave caused by tectonic shifts/under water volcanoes
2	Earthquake	Caused by tectonic shifts.
3	Volcano	Caused by tectonic shifts
4	Pompeii	The society wiped out by Mount Vesuvius eruption
5	Tectonic Plates	How many there are, where they are loacated, how the world has changed.
6	The Ring of Fire	The location of the most amount of volcanoes in the world.
7		
8		
9		
10		

Big Questions

1	Would you live in a society that experiences with natural disasters?	
2	How do we deal with loss in different forms?	
3	Should there be only one religion for everyone? Why or why not?	
4	What emotions would you experience during a natural disaster?	

Vocabulary

Tsunami	decrepit	
Earthquake	Stricken	
Volcano	Exhaustion	
Eruption	Tidal	
Tectonic	Lava	
Pompeii	Funnel	
Mount Vesuvius	crust	
Longitude		
Latitude		

ENGLISH

Reading:

Bug Club

-To read a range of texts and make inferences, creating developed answers after a class discussion.

- Navigate texts, e.g. using contents and index pages, in order to locate and retrieve information in print and on screen.

Writing:

Big writing Opportunities:

- Instructions to survive a natural disaster
- A natural disaster poem focusing on imagery and descriptive language
- Plan, write and deliver a play script.

Short Writing Opportunities

-Explanation focusing on the importance of safety during natural disasters

Grammar

- Apostrophes for possesion
- Use of pronouns for cohesion
- Use adverbs to modify verbs.

ENRICHMENT

- World Book Day

Year: 4
Term: Spring 2
Theme: Natural Disasters

SCIENCE

-Compare and group materials together, according to whether they are solids, liquids or gases.
-Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius.
-Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
-Explore a variety of everyday materials and develop simple descriptions of the states of matter (solids hold their shape; liquids form a pool not a pile; gases escape from an unsealed container).
-Observe water as a solid, a liquid and a gas and should note the changes to water when it is heated or cooled.
- Observe and record evaporation over a period of time.

ART & DESIGN

Art – Mechanical systems: making a moving car.

MUSIC

Charanga

PE

WLSP – Cricket, gymnastics, athletics

MATHS

- Measurement – recognising Km, M, Cm, Mm.
Using cm and m to measure perimeter.

- Measuring area of a range of shapes including rectangles

-Fractions
- Recognise, find and write fractions of a discrete set of objects including those with a range of numerators and denominators
Count in fractions greater than 1
- Count on and back in steps of unit fractions
- Recognize and show, using diagrams, families of common equivalent fractions- using fractions of a shape initially.
- Add and subtract fractions with the same denominator (using diagrams)
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
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Jigsaw – **Celebrating Differences**

PSHE- Piece 5 JIGSAW- bullying, relationship skills, dealing with loss, dealing with jealousy.

RE – The story of Good Friday and Lent

COMPUTING

Purple Mash- spreadsheets, gathering data, laying out spreadsheets correctly.