

Science

Keeping warm. To know that touch is not an accurate way of judging temperature. Use a thermometer accurately to make careful measurements of temp using standard measures. Weather around our school - microclimates. Collect store and retrieve temperatures- find warm and cold spots in the classroom. How can you keep things cool? Investigate what material will prevent an ice cube from melting? What materials help you to keep warm in winter? Devise investigations to see which materials keep things warm.

ICT/Computing

Information about extreme weather and Mother Nature's phenomenon. Design poster -Warning about the different natural disasters. Plot 10 biggest earthquakes on excel using a bar graph to show their results. Research and compare two different continents with opposite temperatures. Create bar chart/excel.

English

Poetry- Analysis and discussion of 'Jabberwocky' by C.S.Lewis.

Narrative writing- fantasy writing based on 'The Butterfly Lion', by Michael Morpurgo. Empathising with thoughts and feelings of characters. Creating a new chapter for the book.

Non-Fiction writing- information texts- context of extreme weather. Report Writing based on extreme weather events. Recount writing. Continued SPAG provision in line with Year 4 expectations of the National Curriculum.

Other Texts/Resources

Topic Books- Essex County Council Library loan.
Internet- various websites relating to Extreme Weather.
You Tube video footaae e.a. 1987 areat Storm.

Year 4 Curriculum Overview- Spring 2017

Extreme Weather!

Wow Days

TBC.

Religious Education:

The Islamic faith—linked to countries in warm climates and their need for safe, clean water. Muslim customs and beliefs, mosques etc.

PE

Netball- skills and tactical awareness.

Swimming- delivered by a qualified local coach during the 2nd half-term.

PSHE

Be a kind and good friend. Empathising with feelings. Similarities and differences between people. British values: kindness, honesty, support.

Geography

Weather around the world- climate zones. Different weather types- rain, snow, thunder. Weather forecasting- symbols. Extreme weather (tornadoes, hurricanes, heatwaves, blizzards). Looking at the temperatures of different countries today. Where is the hottest/coldest? Looking at the history of extreme weather in Essex e.g. Great Storm of 1987.

Music

Musical elements linked to fire and ice-fantasy places, sound and poetry-complimentary sounds organising musical structures for mood and effect. Music from other cultures - their instruments, rhythm, etc. Drumming.

DT/Art

Colour mixing - tones and shades to reflect the weather. Hot and cold colours to create desert and polar art work. Design and build a weather reading instrument using junk modelling materials. Drawing hurricanes. Line design/shading.

Maths

Weather linked -organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts. Units of Measure: distance, weight, volume, temperature. Convert between different units of measure. Fractions: Equivalent fractions, adding, fractions to decimals. Compare and classify geometric shapes, quadrilaterals and triangles, acute, obtuse and right angles, lines of symmetry in 2D shapes. The four rules, multiplication, division, addition and subtraction.