Topic and Year Group

Year 4 - Biomes

English

- To identify different poetry styles
- To choose relevant words and phrases for my writing
- To plan a piece of poetry based on a biome
- To create a poem inspired by a biome
- To describe Stephanie Kwolek and her work with materials
- To plan and write an explanation text about Kevlar, identifying its features and uses
- To follow and give instructions/directions accurately
- To use adverbials and adjectives to give detailed information
- To improve, plan, write and assess instructions
- To identify the features of instructions
- To write a recount of the sleepover
- To organise events in chronological order using relevant conjunctions
- To write an invitation to Sports Day
- To write a leaflet
- To follow criteria to sort pieces of writing
- To research and note relevant information/facts
- To organise paragraphs around a theme
- To identify how language impacts on my

Maths

- To compare and order decimal numbers.
- To create number sequences.
- To round decimal numbers.
- To write fractions as decimal numbers.
- To divide whole numbers by 10 and 100
- To measure and convert units of mass, volume and length
- To measure perimeter in centimetres and millimetres.
- To solve problems in measurement (reading scales).
- To measure area using a range of techniques
- To identify and compare types of angles
- To classify 2D shapes
- To identify, draw and complete symmetrical figures
- To describe position
- To plot coordinates.
- To describe movements.
- To write Roman numerals to 100
- To record amounts of money.
- To compare total amounts of money.
- To round to the nearest pound (whole number).
- To solve money problems
- To estimate amounts of money.
- To solve multi-stepped word problems and reasoning problems

Science

States of matter

- To identify and differentiate solids, liquids and gases
- To explore how gases behave
- To experiment cooling and heating water
- To describe the water cycle
- To understand evaporation and other changes of states processes

Electricity

- To understand the difference between energy source and forms
- To know that electrical energy is converted into heat, light, sound, movement
- To know that a complete circuit is needed for a device to work
- To know the symbols for electrical components
- To make a complete circuit to light a bulb
- To know that a switch works by breaking a circuit
- To be able to make a circuit and change the devices in it

RE/PSHE/RSE

- To know how to make friends
- To try to solve friendship problems when they occur
- To help others to feel part of a group
- To show respect in how they treat others
- To know how to help themselves and others when they feel upset or hurt
- To show what makes a good relationship
- To understand that everyone is unique and special
- To express how I feel when change happens
- To respect the changes in yourself and others
- To ask for help if needed

Spanish

- To tell the time in Spanish
- To name jobs
- To talk about my likes and dislikes
- To introduce myself

Geography/History

- To understand biodiversity and ecosystems
- To explain how the different latitude influences on the flora and fauna
- To be able to use an eight point compass
- To describe the different geological features and relate them to the climate
- To describe how the different climate impacted on human development
- To compare and contrast different biomes, linking them to human development in their areas
- To combine different geological features to create an innovative biome

Art/D&T

- Biome's diorama
- Science week's diorama
- Mini greenhouse
- Science week carbon footprint diorama
- L.S. Lowry - paintings depicting the pollution between 1906-1976 and our interpretation of today's pollution when fossil fuels are still being used

Trips/Events

- Suntrap residential
- Sleepover
- Science Week
- Sports Week
- Sports Day

Dance/Drama/Music

- Mongolian music with a particular emphasis on the tradition of 'throat singing'
- Key signatures of all major and minor scales
- Studying Yanomano the musical
- The music of Aaron Copland

Sport

- Swimming
- Rounders
- Athletics
- Football