



Topic and Year Group

Year 4 - Earth, our home

English

Akimbo Adventures/The Great Kapok tree

- 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 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 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 writing

Maths

Decimals

- 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

Shapes and angles

- To identify and compare types of angles
- To classify 2D shapes
- To identify, draw and complete symmetrical figures

Graphs and Statistics

- To describe position
- To plot coordinates.
- To describe movements.
- To draw and read bar graphs.
- To draw and read line graphs.

Money

- 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

Time

- To tell the time on a 24-hour clock.
- To convert between minutes and seconds.
- To convert between hours and minutes.
- To solve time problems.
- To convert between units of time.
- To solve word problems (duration).

Science

States of matter

- 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

Sounds

- To be able to state that sounds are made by vibrations.
- To be able to state that the faster the vibration then the higher pitch the sound, the number of vibrations a second is measured in Hertz.
- To be able to state that sound can travel in a solid, liquid or gas but not in a vacuum
- To be able to investigate that sound travels faster in solids and liquids over gases
- To investigate ways to absorb sound.
- To explain why some materials absorb sounds.
- To be able to accurately measure the speed of sound



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RE

- To discuss my views and opinions on how the world began
- To discuss how and why people care for living things
- To understand the importance of caring for the earth
- To learn about how people celebrate the natural world
- To understand how to stay safe in the face of risky situations

Spanish

- The time
- Jobs
- My school - School routine

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

N/a owing to the 'Olivia' production and Summer Pudding

Trips/Events

- Olivia production
- Sports Day
- Maths Week
- Sustainability Week
- The Lion King theatre trip and dance workshop
- Kingswood residential
- Summer Pudding

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



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STEAM

The Big Build Design Challenge.

- How to design an object using analogue and digital techniques and tools.
- Explore and practice 'design and iterative thinking'.

Computing

Physical/Digital interfaces

- How to create physical interfaces that control digital devices.
- Build a physical object that controls a digital device.

PE

- Athletics
- Cricket

Drama/Dance

- To consolidate their knowledge of patterning and spatial awareness, and continue to work on the contrast of dancing in unison and canons.
- To implement the technique learnt over the year and to showcase this in their dances for Summer Pudding.

Music

- Exploring Earth
- Triads
- Olivia! The Musical

Yoga

N/a