



THEMATIC OVERVIEW

Year Group: 5

Term: Spring 2

Theme: Spectacular Space

Hook In: Space Rockets

ENGLISH OBJECTIVES

Writing

All focus writing tasks will link to our topic of the Rainforest. The children will produce a letter and a recount. The children will have the opportunity to develop their planning, drafting, editing and redrafting skills through this unit of work.

Grammar

Possessive Apostrophes

Semi-Colons

Determiners

Revision of Parenthesis

Reading

Our whole class text is 'Cosmic' by Frank Cottrell-Bryce. We are also exploring many other genres and styles of text during Whole Class Reading, to expose the children to a wide variety of authors and writing styles to improve their reading skills.

- Understand the meaning of new vocabulary in texts
- Draw inference such as inferring characters' feelings, thoughts and motives from their actions and justifying these with evidence
- Predict what might happen from details stated and implied in the text
- Explain thoughts and opinions about the text, using evidence to support this
- Retrieving important information and discussing understanding and meaning of words in context
- Summarise the main ideas, drawn from more than one paragraph, identifying key details that support the main ideas.

Spelling rules to be covered:

- Personal spelling list.
- Homophones (their, there...)
- Word webs/families
- Ei and ie words.
- KS2 Statutory Words

MATHEMATICAL OBJECTIVES: Factors, Multiples and Primes

-Explain what 'volume' is using a range of contexts -Explain how to calculate the volume of a cuboid and understand what a cube number is -Use knowledge of calculating volume to solve problems in a range of contexts and in compound shapes -Explain what a factor is and how to use arrays and multiplication/division facts to find them -Systematically find all factors of a number and how they know when they have found them all -Use a complete list of factors to explain when a number is a square number -Understand how to identify a prime number or a composite number -Know how to identify a multiple or common multiple of a number -Use knowledge of properties of number to solve problems in a range of contexts -Explain how to use the factor pairs of '100' to solve calculations efficiently

SCIENCE OBJECTIVES

Forces

Explain that unsupported objects fall towards the Earth because of the force of gravity.

Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Computing Objectives	RE Objectives	Topic Objectives (Hist/Geog)
<u>Code Studio</u> To understand how an algorithm can be used to carry out a series of functions. To complete 'Code Studio' Course E To identify and solve debugging issues within coding.	<u>What would Jesus do?</u> Identify features of Gospel texts. Suggest meanings of Gospel texts studied and compare their ideas with ways in which Christians interpret biblical texts. Make clear connections between Gospel texts, Jesus' 'good news' and how Christians live in the community and their individual lives. Relate biblical ideas, teachings or beliefs to the issues and opportunities of their own life.	<u>Rainforests</u> Understand the similarities and differences of a region in the UK and a region in South America. Use a range of viewpoints on a map, up to satellite and use thematic maps for a specific purpose. Use Digimaps to support and guide my research. Recognise and describe the diverse ecosystems of rainforests and the plants and animals that reside there.
PE Objectives	Art Objectives	Music Objectives
<u>Netball</u> Use specific netball skills in different games. Play effectively in different positions on the court in both attack and defence positions. Move balls over longer distances, accurately and using power. Use appropriate language to explain their attacking and defensive play.	<u>Romero Britto</u> Carry out different printing techniques including foil and foam printing. Build up layers, colours and textures by using a collage and printing on top to create depth and definition. Organise my work in terms of pattern, repetition, symmetry or random printing styles.	Identify and describe a variety of contrasting feelings as they relate to music. Create a four, six or eight-bar melody. Read and follow basic notation on different notes within an octave. Recognise different beats in music and match that pulse.
French Objectives		Jigsaw (PSHE) Objectives
<u>Family and Friends</u> Use 1 st person possessive adjectives confidently. Describe the home by size and say where items can be found. Give an opinion about named animals and objects. Construct a simple sentence about a range of topics and join clauses using 'et' or 'mais'.		<u>Healthy Me</u> Explain different roles that food and substances can play in people's lives. Summarise different ways that you can respect and value your body.
Enrichment Activities		
VR and Robotics Activity		