



Topic Map: Year 5 Term: Spring 1

Title: The Rainforest



Geography

Rainforest

In this topic we will be studying rainforests around the world.

We will study the layers of the rainforest as well as the different animals that live in them.

We will also be looking at the effects of deforestation on the planet as a whole whilst looking at solutions to solving this problem.

Computing

Children will design, write and debug programmes that achieve specific goals, including controlling or stimulating physical systems. They will use sequence, selection and repetition in programmes; work with variables and various forms of input and output.

Pupils to create a short piece of music using a piece of software and link it with a theme of their own choice.

Art

Children will be learning about how to portray emotion in their artwork. They will develop skills such as creating a photomontage, comparing selfies to self-portraits in the style of Picasso, Kahlo and Rembrandt.

R.E.

Mission

Children will be learning about the importance of community and charity in our local area. We will look at how Jesus' mission still influences today. They will know and understand the mission of inspirational leaders.

Memorial Sacrifice

Children will concentrate on the signs and symbols that appear in the mass. As well as referring to the parts of scripture that they come from. They will know and understand how memories are kept alive, and explore how the Eucharist keeps the memory of Jesus' sacrifice alive and present in a special way.

PE

Swimming for 5C

Dance

Pupils will learn different styles of dance, working individually, as a pair and in small groups. In dance as a whole, pupils think about how to use movement to explore and communicate ideas and issues, and their own feelings and thoughts.

Spanish

Children will learn how to talk about different forms of transport.

They will read and show understanding of written complex sentences related to transport.

They will also continue to recap what they have learnt about families to secure this knowledge further.



PSHCE

Dreams and Goals

Through this topic children will consider their dreams for the future and which path they want to follow. They will be looking at their own achievements in their lives and understanding how perseverance has helped them to reach their goals.

Class Novel/Book –

Hacker - Malorie Blackman

English

SPaG

Children will study several spelling patterns this term including *ant*, *ance* and *ancy*.

Our class focus this term for punctuation and grammar will be covered through daily sentence accuracy sessions. We will be learning about how and when to use relative clauses beginning with *who*, *which*, *where*, etc. and how to use commas to clarify meaning.

Narrative

In this unit, children will be building up to complete a cliffhanger narrative. Throughout the read to write topic they will move through the four stages and will be immersed in the Vehicle text of 'The Hound of the Baskervilles'. Children will make predictions about what will happen within the story and will discuss and learn new vocabulary that is used in both the Vehicle and Example texts, which will then help broaden their writing skills and abilities.

Formal Event Report writing

In this unit, children will be building up to complete a formal event report about a significant event that happens in the story.

The children will explore the similarities between the Vehicle and Example texts and talk about the effect and appropriateness of the formality of the report.

Mathematics

Multiplication and Division

In this chapter, children build on prior knowledge of multiplication and division. Children will learn to solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1 digit.

Children will recall multiplication and division facts for multiplication tables up to 12×12 and begin to use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers.

Fractions B

In this chapter, the children will learn how to multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

They will also begin to 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.

Science

Properties of materials

Pupils build upon their knowledge of materials in Key stage 1 by exploring and comparing the properties of a broad range of materials including those that are conductors and have magnetic properties.

Children will group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal) and response to magnets. Following this, they will test and compare their materials against different properties.

They will know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.

Each lesson will focus on a different aspect of scientific enquiry and children will have to apply their mathematical working throughout.