



## Topic Map: Year 5 Term: Spring 1

### Title: The Rainforest



#### Computing

Children will select, use and combine the appropriate technology tools to create effects in media. They will select an appropriate online or offline tool to create and share ideas. They will understand the dangers of building online relationships.

Pupils to create a short animation about relationships online, 'who can you trust?'.

#### 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.

#### History

##### **Ancient Greeks**

Children will study what daily life was like in Ancient Greece and make comparisons with different periods studied. They will use timelines and dates to order key events chronologically and use their enquiry skills to interrogate different sources and artefacts.

They will also be looking at the greatest achievements of the Greeks and the influence they have had on the rest of the world.

#### 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 5D**

##### **Golf**

Pupils will develop skills and apply them to striking, chipping, putting and playing a short and long game.

##### **Gymnastics**

They learn a wider range of actions such as inverted movements to include cartwheels and handstands.

#### Spanish

Children will learn greetings, numbers to 10, colours and body parts.

They will learn how to introduce themselves, say where they live, how old they are and ask/ answer basic questions about feelings.



#### 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 –**

**Room 13 - Robert Swindells**

## English

### Stories from Other Cultures

Children will read 'Journey to Jo'burg' by Beverley Naidoo and make links with our recent history topic about slavery. They will explore difficult themes within the story, linked to prejudice and racism during Apartheid. Children will develop a rich vocabulary of words from the text, using them within their own writing. Children will be encouraged to empathise with different cultures and troubling times in their history. This unit will culminate in children developing their own comparative writing piece.

### Poetry-classic /narrative poems

Children will read and analyse the poem The Highwayman by Alfred Noyes. Children will Produce and perform a choral performance poem and evaluate and improve their performances focusing on the impact of theatrical effects. Children will also investigate and discuss different aspects of a longer narrative poem, including the structure and use inference skills to develop a deeper understanding of literature characters.

### Dramatic conventions

Children will read a multitude of plays from Mr William Shakespeare's Plays by Marcia Williams. Children will prepare the plays to read aloud and perform them, showing understanding through intonation, tone and volume, so that the meaning is clear to the audience.

## Mathematics

### Fractions

In this chapter, children build on prior knowledge of fractions to represent parts of a whole. Children will learn to add and subtract fractions, covert denominators to compare and to order fractions from smallest to largest and largest to smallest.

### Decimals

In this chapter, pupils explore decimals. To begin this chapter, they learn to read and write decimal numbers. This is followed by comparing decimal numbers to find which is greater and smaller. Pupils then add and subtract decimals before turning decimals into fractions. The chapter ends with pupils rounding decimals to the nearest whole number and decimal position.

### Percentages

This chapter covers the expectations in Year 5 for percentage. It begins with comparing quantities and exposing percentage as an amount out of 100. The chapter finishes by having pupils convert fractions to hundredths, both by expanding fractions and by simplifying them.

## 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.