



St Luke's C of E Primary School – Topic Overview Year 5 – Tremendous Rainforests

Enquiry Questions

What is the rainforest like?

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As Scientists, the children will be looking at plants and their lifecycles; as well as how they are pollinated and the fertilization process. Also, the children will explore the changes the human body goes through. Starting as an embryo, right up until old age.

As geographers, the children will build on their understanding of climates and biomes. They will delve deeper into the world of rainforests, exploring tropical and temperate rainforests and learning about the impact of deforestation.

As musicians this half term, the children will be learning about chords and composing. They will understand that when we play three or more pitches together, we can create chords in music. Chords provide the basis for accompaniment in music.

As designers this half term, the children will be creating their own bag for life. They will research, design, make and evaluate their finished product.

In computing this half term, the children will be learning about how games are created and will become game creators as they build their own computer game.

Key Vocabulary:

Tropical, temperate, canopy, layers, vegetation, logging, deporestation, carbon dioxide, global warming, export/ import, globalization, pollination, fertilization, embryo, fetus

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St Luke's C of E Primary School – Topic Overview

Year 5 – Tremendous Rainforests

English



Reading

We will be reading and studying the books *Boy in the Tower* by Polly Ho Yen and *The Last Words* by Jackie Morris. Our skills focus will be on inference, summarising and prediction.

Writing

As writers, we will be continuing to explore the different structures and vocabulary needed for non-fiction and narrative writing.

We will be writing the opening for a mystery story.

Our focuses for this unit will be:

- Synonyms for verbs,- to set the mood and atmosphere by building mystery and tension.
- Short sentences – to inject pace into the story and add to the tension.
- Rhetorical questions – to hook the reader into the story and raise doubts in their mind about the character's safety.
- Ensure consistent use of past tense – to help the reader follow along with the text knowing that the events have already taken place.

Our second unit will be writing a non-chronological report linked to our topic on rainforests .

Maths



Maths

Over this half term, we will be further developing our understanding of decimal numbers and percentages. We will learn to use place value grids to understand numbers with up to 2 decimal places. We will then explore equivalent fractions and decimals for tenths and hundredths before moving on to finding halves and quarters and fifths. We will then look and compare decimal numbers with up to 3 decimal places and order numbers with different amounts of decimal places. Next, we will look percentages and understand percentages as parts out of 100. We will then compare percentages to fractions and finish by finding fraction, decimal and percentage equivalents.

Key Vocabulary

Percentage - The word percent means out of each hundred or per one hundred.

Ratio –how much of one thing there is compared to another thing.

Proportion – an equation in which two ratios are set equal to each other.

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