



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

Year 5 – There's always room for desert

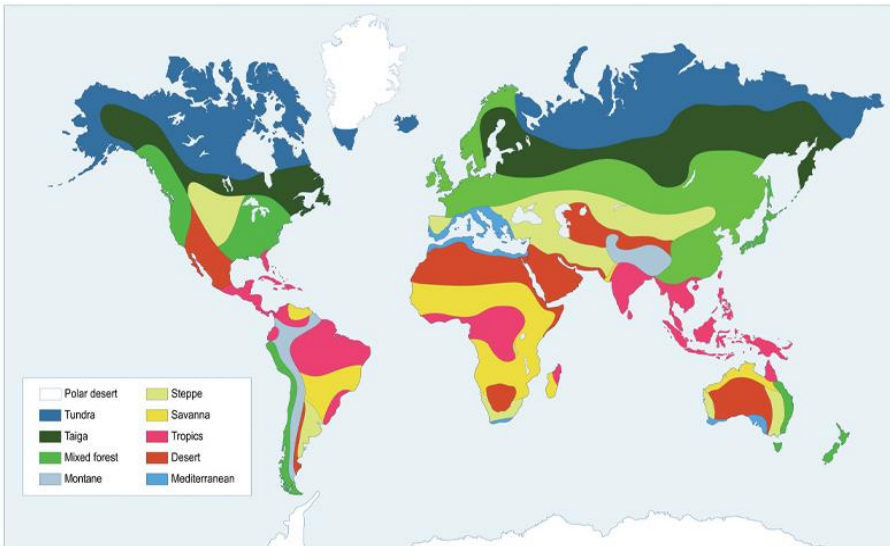
Enquiry Questions

What is a biome?

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National Curriculum –



Key Vocabulary:

biome, climate, desert, deciduous forest, rainforest, boreal forest, tundra, grassland, savannah, aquatic, tropical, temperate, polar, desertification, deforestation, habitat, reproduction,

As scientists, the children will be learning about life cycles and reproduction. This will be related to our biomes topic as we look at how life cycles are shaped by the environment and habitat.

As Artists, the children will be developing their painting skills. Our focus artist will be Henri Rousseau. The children will explore his incredible use of tones, shades and colour.

As Geographers, the children will be exploring the different biomes from across the globe. We will look at what life is like in these environments and focus specifically on deserts. The children will be creating thematic maps and carrying out a geographical investigation.

As Musicians this half term, the children will be learning to play the recorder. They will be learning how to play different notes to create a tune.

In computing this half term, the children will be learning about how to create databases and graphing. They will also get to become game creators as they build their own computer game.

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we live and learn with COURAGE and HOPE*



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English

Reading

We will be reading and studying the books Journey to the River Sea by Eva Ibbotson, Boy in the Tower by Polly Ho Yen and The Lost Words by Jackie Morris. Our skills focus will be on inference, authorial intent and prediction.

Writing

As writer, 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 dilemma story, where the main character is experiencing something that is going to cause them difficulties. Our focuses for this unit will be:

- Composition: Conveying character through description and dialogue; create detailed descriptions of settings
- Grammar: use commas to indicate parenthesis, know commas show where an embedded clause starts and ends
- Language Proficiency: speaking as a character bringing to life.

Our second unit will be writing a biography. Our learning focuses will be:

- Composition: ensuring consistent use of tense and subject, verb agreement
- Grammar: building cohesion within and across paragraphs
- Language Proficiency: asking meaningful questions and giving detailed answers.



English

Maths

Over this half term, we will be further developing our understanding of

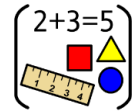
multiplication and division. We will be learning to use an area model to support our understanding of multiplying 2 digit number by a 2 digit number. We will then move on to developing a formal written method for multiplying 2 digit number by 2 digit numbers and then 3 digit number by a 2 digit number. After multiplication, we will be learning about the inverse operation, division. We will start by using place value grids to help develop our short formal division method. Next, we will move onto division with remainders and then look at making decisions about the most efficient methods for division in a range of contexts. To end our unit, we will be working on identifying which operation is needed in order to solve multiplication and division problems.

Key Vocabulary

Composite numbers – Composite numbers are whole numbers that have more than two factors

Prime numbers – a whole number greater than 1 that cannot be exactly divided by any whole number other than itself and 1

Factor pairs - a pair of numbers that give a particular product when multiplied together



Maths

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