

English

We will begin our term by writing a non-chronological report on an animal that lives in the Amazon Tropical Rainforests. We will be focusing on using technical, formal language, precise nouns, and subordinate conjunctions. We will apply the skills learnt to write an informative and eye-catching information text all about rainforests. We will use our class reading book, *The Explorer* by Katherine Rundell, to inspire our writing. We will be writing biographies about well-known scientists, conservationists and environmentalists linked to our Science and Geography. To develop our writing from Year 4, we will consolidate our knowledge of structuring a text. Throughout our writing this term, we will focus on using accurate punctuation (including the use of commas in a list and for embedded clauses, bullet points and brackets) and editing our work for clarity. We will consider how we can link ideas together, through the use of conjunctions, pronouns and topic sentences. We will share *The Explorer* by Katherine Rundell in Guided Reading, and as our class reading book. We will be focusing on retrieving information from texts and ensuring we understand the new ambitious words we read.

Maths

We will explore numbers to a million, ensuring we have a good understanding of place value and learn to round numbers to 10, 100, 1000, 10,000, 100,000 and a million. This will also include partitioning, working on the number line and comparing numbers to one million. We will also learn how to read and construct Roman Numerals to M (1000) and develop our understanding of negative numbers.

We will extend our understanding of column addition and subtraction, exploring numbers with more than 4 digits using formal written methods. We will use inverse operations as well as multi-step addition and subtraction problems. We will continue to develop our arithmetic skills.

ICT

We will look at how a flat-file database can be used to organise data in records. We will use tools within a database to order and answer questions about rainforest animals. We will then create graphs to solve questions about the rainforest.

Marwell Zoo



Art

Using the wonderful textures and colours of nature. We will be exploring the art of collage.

We will be using the natural world around us to create different textures, and overlaying to build depth of colour. We will plan, do and then review our work to evaluate our successes.

Music



We will be developing our instrumental and performance skills through weekly ukulele lessons with a peripatetic teacher.

This term we will focus on rhythm and learning initial chords, as well as learning to play in unison, listening to those around us.

PSHE



Being me in my world

This term we will be exploring what makes us special and how we can make our class and school a safer and more special place as we work together as a team. We will link our learning to the theme – tenacity.

RE



We will start our lessons, by considering what commitment means and reflect on how we show commitment to our religions, hobbies and work. We will learn about the different ways Sikhs show their commitment to their religion and answer our big question – How far will a Sikh go for their religion?

Science

How does the life cycle of a mammal differ to that of an amphibian? Can you grow a plant without the use of a seed? These are the type of questions we shall be investigating as scientists this term, through our topic of Life Cycles and Reproduction.

First, we will merge our growing expertise on the rainforest, our literary skills and our science knowledge to create an informative leaflet on a rainforest animal.

After refreshing our minds with the life cycle of a plant, we will become green fingered, learning firsthand how some plants can be cultivated in more unconventional ways, using cuttings and runners. Jumping back into the animal kingdom, we will also be looking into food chains and, the more complex, food webs. This term will certainly provide ample opportunity to build our biology brains.



Year 5
Term 1

Biome Explorers

This term we will be exploring the rainforests of the Amazon Basin, learning about the amazing plants and animal that live there.



Biomes

Geography



We will name and locate the continents of the world, locate the Amazon river and use mapwork to learn the countries in South America

We will learn to describe and understand key aspects of physical geography and be able to describe the location of Tropical Rainforests. We will learn what a rainforest is and about the different layers of a rainforest and the plants and animals that grow there.

We will use maps, atlases, aerial photograph, virtual tours and statistics to draw clear conclusions about locations.

We will be using our knowledge in Geography to inspire our writing and link to our science topic on lifecycles.

Next term we will continue studying Rainforests and consider the people who live there and the impact of deforestation.

PE

Indoors, we shall be diving into our fitness boot camp. After initially exploring the importance of maintaining a good level of fitness, we will be learning straightforward moves and games that can help us to build on our agility, balance and coordination.

Outside, we will be working on becoming invaders (in the context of Netball). Our spatial awareness and hand/eye coordination will be of particular focus to allow us to plan ahead tactically in preparation for a match.