

Year 5 – Amazon Adventures

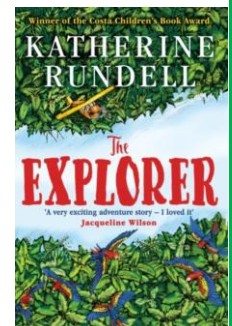
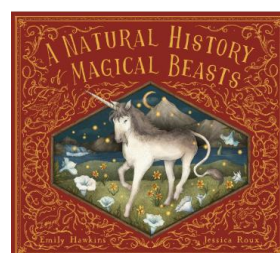
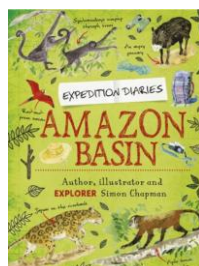
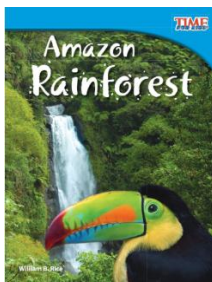
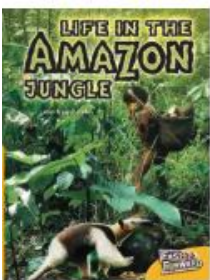


Let's step into the lush, green world of the rainforest...

Project Overview

Let's step into the lush, green world of the rainforest—a place teeming with life and wonder. Journey to the Amazon, where sunlight filters through towering trees, and a symphony of birds, insects, and frogs fills the air. Dive into the mysteries of this tropical biome and discover how climate zones shape its incredible diversity. Ascend through the layers of the rainforest, from the shadowy forest floor to the lofty emergent layer, where eagles soar above the treetops. Marvel at the ingenious plants that thrive here, from colossal kapok trees to vines that twist and climb towards the sun. Investigate the life cycles of mammals, birds, amphibians, and insects that call this extraordinary place home. But all is not as it seems. Explore the challenges of deforestation and its impact on this fragile ecosystem. Learn how the rainforest supports not only its inhabitants but also the planet itself, producing oxygen and regulating the Earth's climate. Now, take the first step into the rainforest. What secrets will you uncover?

Recommended Books



This Term We Are Learning ...

English	<p>A Natural History of Magical Beasts- Children will take on the role of zoologists and invent their own magical, mythical beast. After designing their creatures, they will write a detailed description with the aim of being included in the <i>Natural History of Magical Beasts</i>. They will explore the structure of fact files and how these effectively inform readers. The lessons will focus on using brackets correctly, employing high-level adjectives, and applying proper punctuation with fronted adverbials.</p>
Maths	<p>Short Multiplication and Division – We will be continuing our unit on Multiplication and Division. During this unit, children will learn to represent division and multiplication using a variety of different models. They will learn mental and written methods to multiply or divide two and three-digit numbers by a single digit.</p> <p>We will then move onto Area and scaling where the children can explain what area is and measure the area of squares, rectangles and rectilinear shapes using different strategies, such as multiplication. They will be able to solve problems using their knowledge of area. Children will also describe and compare measurements of mass, capacity and time using their knowledge of multiplication and division.</p>
Science	<p>Children compare the life cycles of mammals and birds. They will also identify the key parts in the life cycle of amphibians and insects.</p>
Religious Education	<p>How far does the Mosque contribute to the Muslim concept of Ummah? This is the Big Question the children will work towards answering this term. They will explore the key features of a mosque and how these contribute to the concept of Ummah for Muslims. The children will also revisit the Five Pillars of Islam, delving deeper into Shahadah and examining its significant role in the Muslim community.</p>
Geography	<p>Children using Atlas' will identify the location of different climate zones on a world map. They will learn about biomes and identify the relationship between this and climate zones. Children will locate and learn about the Amazon rainforest. They will also learn about the different layers of a tropical rainforest, their importance and the threats they face.</p>
Computing	<p>Scratch: Children will work with a partner to create their own themed games. They will use algorithms and programming to bring their game to life. They will add and edit features to make their story engaging and entertaining.</p>
Art and DT	<p>Bolognaise: We will be investigating, designing, making and evaluating Bolognaise. They will consider their choice of ingredients and dietary requirements when designing their recipe.</p>
Music	<p>Both classes will be introduced to song writing where they will learn chords, creating melodies, steps and leaps as well as performing from a lead sheet.</p>

P.E.	<p>Thursday: Swimming or PE (alternate weeks, please see separate letter for dates)</p> <p>Friday (Dance): The children will learn a dance to Dua Lipa's song 'Physical'.</p>
PSHCE	<p>Dreams and Goals: The children will think about their dreams and goals for the future and what they will need to achieve these. They will consider how money and education can contribute to achieving their dreams. The children will learn about different careers and jobs and how wages may vary depending on the job/career they choose. They will think about how they will stay motivated to achieve their goals in the future.</p>

How To Help Your Child's Learning

Homework

Reading

We continue to use home-school reading diaries. Your child should come home with this soon. We expect the children to record in their Reading Diaries at least 3 times a week but strongly encourage daily reading. This can take many forms and could include reading to or with a parent or reading to a sibling. We encourage the children to read a broad range of genres and authors.

Weekly Homework

Spelling homework will be set on a Wednesday and evidence of their practice in their spelling books should be brought into school on the following Tuesday.

Times Table Rockstars will also be set on a Wednesday and should also be completed by Tuesday.

Please see the table above which indicates when your child should bring their Reading Diary to school.

Times Table Rockstars

Each child should have a login for Times Table Rockstars, these have not changed since last year. This can be accessed on a laptop, tablet or mobile phone. Each week, homework will be set in the form of battles, soundchecks, sessions or free play. We would encourage your child to spend 30 minutes practising over the week. Times tables homework will be set on a Wednesday and should be completed by the following Tuesday morning at the latest.

Key Vocabulary

Items Related To Our Topic

longitude,
latitude,
equator,
tropic of
cancer,
tropic of
Capricorn,
polar,
biome,
savannah,
temperate,

emergent
layer,
canopy
layer,
understory
layer,
indigenous,

embryo,
juvenile,
foetus,
hatchling,larva,
adolescent,,
pupa,
metamorphosis

What is a rainforest habitat?

<https://www.bbc.co.uk/bitesize/articles/zxdsvcw>

Tropical rainforest regions of the world.

<https://www.bbc.co.uk/bitesize/guides/zv38cmn/revision/2>

What is deforestation?

<https://www.bbc.co.uk/bitesize/articles/zpv3r2p#zn3bcmn>

Information For This Term

PE: PE lessons will be taught inside this term.

Thursday - Swimming/PE (Alternate Weeks)

Friday - Both Classes

Children need to come to school **in** their PE kit: a dark pair of tracksuit trousers or shorts, a white t-shirt, a warm jacket and comfortable sports trainers. Please also ensure that **long hair is tied back** and children have **earrings removed**, or are able to take them out themselves. This is for health and safety reasons and children will be unable to participate if they have earrings in.

Swimming bag- Your child will need a swimming kit consisting of a swimming **costume** or **trunks** (no bikinis or long baggy shorts please), a **towel** and a **swimming hat**. All children are required to wear a swimming hat. If your child would like to wear **goggles**, permission must be given on School Gateway. Without this permission, your child will be unable to wear their goggles, even if you provide them in their swimming bag. Could we also remind you that all **earrings** must be removed, for your child's safety.

Term Dates

Please see our website and weekly newsletter for full term dates.

6th January – Term 3 begins

8th January – Swimming EP Class/Young Voices (selected children)

19th January – F1 Williams Trip (EB Class)

20th January – F1 Williams Trip (EP Class)

29th January – Online Author Event

2nd February – Bikeability all week

9th February – Bikeability all week

10th February – Internet Safety Day