

# Into the Heart of the Rainforest

## Key Areas of Learning

### Year 4 Emerald and Jasper Autumn Two Term 2025



As geographers, we explore the amazing world of rainforests to find out where they are, what they are like, who lives there, and why they are so important to our planet. We learn how rainforests help the Earth by making oxygen, providing homes for thousands of animals and plants, and even helping to control the climate. We also ask important questions about how people use the rainforest and what we can do to help protect it for the future.

As scientists, we investigate the different states of matter – solids, liquids and gases – and how materials can change from one state to another. We ask questions, carry out experiments, and observe what happens when things are heated or cooled. We learn how particles behave in each state and use scientific words to describe what we see. We work like real scientists by making predictions, recording results, and explaining our ideas.

#### English

As readers, we are learning to understand and enjoy a wide range of texts. We are using clues in the text to make predictions, ask questions, and explain what we have read.

As writers, we are using The Great Kapok Tree to inspire our own writing. We are learning how to describe the rainforest using powerful vocabulary, interesting sentence starters, and rich detail. We are exploring how to write persuasively, just like the animals in the story, to share important messages about protecting the environment. We are planning, editing, and improving our work to make it the best it can be.

#### Maths

As mathematicians, we are learning to measure length, weight, capacity, and time accurately. We are using rulers, scales, and measuring jugs to compare and solve problems in everyday situations. We are learning to choose the right units and tools, and to use what we know to estimate and check our answers.

As mathematicians, we are learning to use multiplication and division to solve problems with confidence. We are learning our times tables and using them to understand patterns, share amounts equally, and solve real-life problems.

#### Computing

In computing, we are learning how to create animations by making a series of images move to tell a story or show an idea. We are exploring how small changes between each frame can make characters and objects come to life.

#### PSHE

We are learning how to treat each other with kindness, fairness, and respect. We are thinking about how our words and actions affect others and why it is important to listen, share, and include everyone. We are learning how to solve problems peacefully.

#### PE

In Physical Education, Emerald Class will continue their swimming lessons. Jasper class will be looking to advance their gymnastic skills.

#### Music

As musicians, we know that the sounds that we hear in music can also help to communicate specific moods.

#### Art and DT

As creators, we will describe what a shell structure is and describe what makes an effective helmet. We will also design a helmet for a specific user by choosing appropriate features.

#### RE

We are learning that even though many people believe God is everywhere, places of worship are special because they help people feel closer to God, pray together, and be part of a community. We are finding out why these places are important.

#### Spanish

In Spanish, we are learning about fireworks, Places in Town, and Christmas shopping.

#### Experiences

Pupils used VR headsets to step into the rainforest. Please see the photos on the school website!

#### Whole School Events and Themes

##### Autumn Two

Friday 14<sup>th</sup> November- Children in Need Spotty Dress Up Day  
WB 24<sup>th</sup> November (Tuesday and Thursday)- Autumn Term Parents Evening  
Friday 5<sup>th</sup> December- Christmas Fair  
Friday 5<sup>th</sup> December- EYFS Nativity  
Friday 12<sup>th</sup> December- KS2 Carol Concert  
Friday 12<sup>th</sup> December- Christmas Jumper Day  
Thursday 18<sup>th</sup> December- KS1 Christmas Performance  
Friday 19<sup>th</sup> December- Class Christmas Parties  
**Autumn Clubs Start- WB 19/09 - Ends- WE 1/12/25**