

**YEAR 6** Spring 2026

## Our Big Question

### Why are Rainforests crucial for mankind?

Throughout the Autumn Term, children will have the opportunity to explore our 'Big Question' through an exciting and interactive Geography topic, focusing on the country of Brazil. Through this topic, children will learn about the culture, customs and location of this vibrant and exciting country. They will also learn about the Amazon Rainforest, exploring the fascinating animals and tribes that live there whilst

also understanding the threat deforestation and climate change is having on this vital ecosystem.



### As artists we will:

- Learn techniques for using pastels, including: hatching, scumbling and etching.
- Create our own artwork inspired by animals in the rainforest.

### As designers we will:

- Explore electrical mechanisms involving gears and pulleys, using our understanding to design make our own rainforest buggy,
- Understand how products can be programmed to make them work.
- Evaluate our work and the work of others.

### As sportspeople we will:

- Develop our skills in hockey, basketball and gymnastics.
- Explain and use the rules correctly for hockey and basketball, developing appropriate tactics for game play.
- Develop our teamwork and problem solving skills within outdoor adventurous activities.

### As musicians we will:

- Explore traditional Brazilian Samba music through listening to popular pieces and composing our own.
- Develop an understanding of pulse and rhythm by exploring different beats in a bar linked to the music created by Florence Price.
- Develop our knowledge of musical notation.

### As scientists we will:

- Plan different types of scientific enquiry to develop a deeper understanding of electricity.
- Plan and carry out a range of practical experiments, to allow children to apply their scientific knowledge in fun and interactive ways.
- Record and interpret scientific data in different ways, including use of: tables, classification keys, bar charts and line graphs.
- Develop an understanding of 'Evolution and Inheritance' and how plants and animals have adapted over time.

### As geographers we will:

- Use an atlas by using an index to find key places around the world.
- Learn about why some places are similar and dissimilar in relation to their human and physical features.
- Work out time zones and calculate time differences around the world.
- Identify different biomes and climate zones using an atlas and digital maps.

### As computer users we will:

- Develop a deeper understanding of coding using the PRIMM approach; predict, run, investigate, modify, and make.
- Use **Crumbles** to program an electronic vehicle to move forwards and backwards, linked to our Design and Technology project.
- Develop a deeper understanding of e-safety and how to stay safe online.

### As writers we will:

- Adapt our writing style for different purposes, including: poems, newspaper reports, formal and informal letters and diary entries.
- Structure our writing effectively using paragraphs and cohesive devices.
- Develop the use of different sentence openers and structures to engage the reader.
- Use a wide range of punctuation in our writing, including hyphens, colons and semi colons.

### As SPaG collectors we will:

- Recognise the difference between vocabulary and structures for formal and informal writing,
- Explore and learn different types of word classes
- Use hyphens to avoid ambiguity.
- Use semi colons, colons or dashes to mark boundaries between main clauses.
- Spell words from the year 3/4 and 5/6 word lists correctly.
- Develop an understanding of specific word endings and beginnings.

### As readers we will:

- Explore a wide range of books and text-types (including non-fiction), exploring the features of each.
- Clarify new and unfamiliar vocabulary, by using meaning-seeking strategies and utilising dictionary skills.
- Draw inferences, make predictions and summarise key information from texts.

### As linguists we will:

- Understand short stories and songs in French.
- Hold a simple conversation with multiple exchanges in French.
- Use correct pronunciation when learning new vocabulary.

### Useful Websites:

[www.mymaths.co.uk](http://www.mymaths.co.uk)

[www.purplemash.com](http://www.purplemash.com)

<https://play.ttrockstars.com/>

[www.topmarks.co.uk](http://www.topmarks.co.uk)

### As mathematicians we will:

- Continue to develop our use of **written** and **mental** methods for calculation (addition, subtraction, multiplication and division), applying these to more complex word problems.
- Apply our knowledge of **number** to a range of multi-step problems. This will include exploring: positive and negative numbers, fractions, decimals, percentages, rounding and algebra.
- Explore **measures** through practical challenges in which children can apply their knowledge of time, mass, capacity, length, area and perimeter in a variety of ways.
- Develop our skills in **statistics** through scientific investigations, where children can interpret and present data in various forms including: line graphs, bar charts and pie charts.
- Continue to extend our knowledge of **Geometry** and 2D and 3D shape, through applying our understanding of translations, co-ordinates on 4 quadrants, exploring different missing angles and naming parts of circle
- Carry out a range of practical maths investigations to apply our knowledge to multi-step problems.
- Solve **ratio and proportion** problems involving the relative sizes of two quantities where missing values need to be found.

### As citizens we will:

- Understand how to set realistic goals and identify positive changes we would like to make to the world.
- Understand how to keep ourselves healthy and safe, thinking about our own physical and mental wellbeing.

