

# Protecting our Planet for the Future

**'Explore' project with Geography focus: Climate change and the environmental impact of humans.**

**Key Concepts: choice, responsibility, sustainability**

- *Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle.*
- *Comparison between our locality (UK) and a tropical rainforest (South America) by exploring the geographical similarities and differences of human and physical geography. We will explore the Amazon Rainforest and its layers of vegetation; location of rainforests throughout the world; the effects of deforestation; and our **responsibility** to protect and preserve the rainforests for future generations.*
- *Investigating the impact humans have had in terms of climate change and the **choices** we make and explore possible solutions for the future of our planet through **sustainability**.*



## **Other curriculum areas:**

**English:** Whole class reading, writing, grammar, punctuation and spelling: persuasive writing, letter writing, story writing, explanations, diary writing, poetry.

**Year 6 text:** 'Journey to the River Sea' by Eva Ibbotson

**Year 5 Maths:** Finding non-unit fractions of quantities, adding, subtracting with different denominators, multiplying fractions by whole numbers, equivalent fractions, convert between fractions, decimals and percentages; round decimals to whole numbers/up to 1d.p, order decimals up to 3 dps.

**Year 6 Maths:** Use common factors to simplify fractions; Compare and order fractions with different denominators, greater than 1, Add / subtract fractions with different denominators and mixed numbers.

## **Y6 Maths continued...**

Multiply simple pairs of proper fractions, divide proper fractions by whole numbers, multiply one-digit numbers with up to 2 decimal places by whole numbers, recall and use equivalences between fractions, decimals and percentages, solve problems using ratio, use simple formulae; describe linear sequences; express missing numbers algebraically; find pairs of numbers that satisfy an equation with two unknowns; explore the possibilities of combinations of two variables.

## **Science:**

**Year 5:** Earth & Space.

**Year 6:** Electricity and Light.

**Music:** Understanding of South America music.

**I.C.T. and Computing:** Programming and data and information – flat-file databases.

**P.S.H.E.:** Living in the 'wider world'.

**P.E.:** Gymnastics and Outdoor Adventurous activities.

**R.E.:** Humanism – What does it mean to be a human? Is being happy the greatest purpose in life?

**Design Technology:** Designing, making and evaluating a plant-based product.

**French:** Animals and habitats. Food and Healthy eating.

**Spirituality:** Question, word and creation-loving.