

# Year 4 Forests



## Words we will use

rainforest, forest, canopy, understorey, emergent layer, deforestation, wildlife, slash and burn, habitats, indigenous, Amazon, endangered, species, diversity, fair-trade, mining, deciduous, evergreen, leaf, petal, renewable, stigma, stamen, anther, pollination, germination, decimal, properties.

## Grizedale Residential

The children will be using their map reading skills to navigate through the forest to their lodgings. They will participate in team building games and activities, whilst making observations about the world around them.

## Building learning power

We will be helping children to develop their resilience through reviewing and editing work independently and with their peers.

## PSHE

Our topic for this term is 'Physical health and Mental wellbeing.' This will include: maintaining a balanced lifestyle; oral health and dental care; growing and changing (specifically puberty); keeping safe.

## Environmental Learning

We will be investigating effects of deforestation in rainforests throughout the world and the importance of trees and plants to our world.

**As writers** we will be studying poetry based on rainforests, persuasive texts related to deforestation, non-chronological texts, and narrative texts based on *The Explorer* by Katherine Rundell.

**As readers** we will read a selection of tree and forest related books; using these as stimuli for our English work. Our class book will be *The Explorer*.

**As mathematicians** we will develop our knowledge of decimals and data. We will also improve our ability to solve word problems involving addition, subtraction, multiplication and division. We will identify various polygons and their properties, including symmetry.

**As scientists** we will be studying and investigating how plants grow, how seeds germinate and how pollination works. The importance of correct growing conditions will also be studied.

**As artists** we will be sketching trees, leaves and plants, using these to print in the style of Henry Rousseau.

**As food technologists**, we will explore the different ways we can use tomatoes, onions and herbs to create different dishes.

**As musicians** we will be composing music, in groups, to recreate *24 hours in a rainforest* using tuned (recorders and xylophones) and un-tuned instruments.

**As sportspeople** we will develop our teamwork skills in tri-golf, dancing, cricket and improving our athletics skills.

**During computing**, the children will learn the skills needed to design and create their own game, using 'variables', 'loops' and 'repetition' to develop their programming skills. They will finish this unit by creating their own game-apps.

**In RE** we will be answering the question, 'Why do Muslims fast during Ramadhan?' and in Christianity, 'What does love your neighbour really mean?'