

Year 3

Summer Term 2 – Rainforests



Main Texts

Lynne Cherry: *The Shaman's Apprentice*

Maths

We start this half term completing our topic of **measurement** in relation to **time** before moving onto **statistics: pictographs and bar graphs**, finishing **with geometry: properties of shapes: lines and shapes and measurement: perimeter of figures**

We will use a range of equipment, as well as concrete and pictorial methods to explore our topics and we will also apply this knowledge using a range of different methods we can use to solve questions in a range of contexts. We will continue to use formal methods of addition and subtraction, multiplication and division, including the formal and column methods. We will develop our ability to solve problems and work on using our mathematical reasoning skills to tackle different questions.



Science

We will learn about **Plants** in our science topic this half term and will identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.

We will explore the requirements of plants for life and growth (air, light, water, soil nutrients, and room) and how they vary from plant to plant and investigate the way in which water is transported within plants

We will explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Our big questions are: 'Which conditions help seeds germinate faster?' – *comparative testing* 'How do flowers in a vase change over time?' – *observing over time* and 'What are all the different ways that seeds disperse?' – *research*

Vocabulary: photosynthesis, pollen, insect/wind pollination, seed formation, seed dispersal – wind dispersal, animal dispersal, water dispersal



RE

In RE the focus of the topic is 'Dialogue and Encounter'. Children will begin this branch by learning about the Jewish Passover and how for Christians this links with Jesus' last meal with his Disciples. We will learn about the Jewish festival of the Passover and how it is celebrated today. We will also learn about Islamic faith, beliefs and worship including the importance of Islamic art and music.

Vocabulary: Passover, unleavened, Exodus, Muslim, Ramadan, Sawm, adhan.

English

For thousands of years, in the jungles of the Amazon, shamans have passed their wisdom of the medicinal values of rain forest plants from one generation to the next. Lynne Cherry's book 'The Shaman's Apprentice' tells the story of a Tirio Indian boy who dreams of one day being the tribal shaman, and how he and his people learn the importance of their own knowledge about the healing properties of the rain forest.

Using this beautifully illustrated book we will write setting descriptions and create and prepare poetry, For non-fiction writing, we will write a balanced argument following a debate and produce a fact-file on the rainforest using of simple organisational devices (headings and sub-headings).

We will continue to consolidate our knowledge of basic features of punctuation such as full stops and capital letters, we will also continue to learn how to use apostrophes for possession and contraction, as well as consolidate our use of nouns or pronouns appropriately for clarity and cohesion and to avoid repetition. We will practice using the present perfect form of verbs in contrast to the past tense.

We will continue to practice our Year 2 spellings as well learn to spell more of our Year 3 words.

We will learn to write from memory simple sentences that include words and punctuation taught so far as well as proof read and check our own work for punctuation and spelling errors.

We will continue to revise all of our spelling learned so far practicing plural and singular nouns and the vowel sounds 'ay,' 'ee', 'igh', 'ow', 'oo', 'ar', 'or', 'ure'.

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Humanities	STEM
<p style="text-align: center;">Geography/History</p> <p>We will learn about the rainforests of SE Asia, studying the forests of Borneo and learn about the threat that exists today to our planet due to deforestation and climate change. We will learn about conservation and the projects near and far that are helping to halt the damage caused. We will learn that nature conservation means protecting our environment and the wildlife that lives in it. It includes looking after biodiversity and the health of the planet. We will think of ways in which we can look after our environment for example; by recycling, reusing and reducing; by becoming a habitat hero; by keeping an eye on the water and energy we use and by becoming a planet advocate, and sharing our knowledge with others. We will undertake a project looking a Palm Oil and the major threat through deforestation that this poses to wildlife around the world including the orangutans in Borneo. We will learn what we can do to make a difference to make sure palm oil is produced sustainably. We will also look at the role of the rainforest in producing natural medicine through time. Often called the 'Lungs of the World' this incredibly diverse habitat is home to over 40,000 plant species, and ancient cultures have been taking advantage of the medicinal benefits that many of these roots and trees can provide for centuries. Did you know that over 25% of all modern Western drugs are actually derived from rainforest plants?</p> <p>Vocabulary: rainforest, biome, climate, North Pole, South Pole, Equator, Asia, continent, natural disasters, vegetation, deforestation, conservation, sustainable</p>	<p style="text-align: center;">Computing</p> <p>This half term we will learning about Events and Actions in Programs We will learn to recognise and create events and actions in coding (using Scratch software), using sprite moves, drawing lines, adding features and testing and debugging. We will bring all of these coding skills together to create an individual project and showcase this to our class.</p>
Arts	PE
<p style="text-align: center;">Art</p> <p>Our art work will focus on sketching and drawing skills – sketching canopies, native animals and their habitat. We will explore creating shades and tone using primary and secondary colours.</p> <p style="text-align: center;">Music</p> <p>In our music lessons this half term we will be continuing to learn to play the recorder, focusing on using the notes we have learned to play several tunes.</p>	<p style="text-align: center;">Rugby</p> <p style="text-align: center;">Forest School</p>