



## Science

**During our Light and Shadow topic we will:**

- Learn the difference between light sources and reflectors.
- Explore how shadows are formed and how they behave.
- Identify natural and artificial light sources.
- Investigate why we have night and day.
- Learn about the spectrum of colours.

## Computing

**Our computing topic for this half term is Stop-frame Animation. The children will:**

- break down a story into settings, characters and events
- use a storyboard to sequence an animation
- use the onion skinning technique to make small changes between frames
- evaluate and improve their animation

## Music

- Performance - Instrumental: Play recorders with increasing accuracy and fluency
- Performance - Reading Notation: Further understand and use the staff and other musical notations
- Composition: Improvise and compose music inspired by the Great Kapok Tree

## Art and DT

This half-term in art and DT, we will be studying the work of artist Henri Rousseau. We will be developing our sketching, shading, painting and collage skills by creating a a rainforest sketchbook and a rainforest inspired landscape.

We will learn to:

- Shade by practising hatching, cross-hatching, stippling and blending
- Sketch realistic plants from the rainforest
- Layer and collage images of rainforest plants and animals
- Experiment with foreground and background to create 3D images.
- Crate a Henri Rousseau-inspired rainforest landscape picture.

## Maths

**We will be looking at:**

- Multiples of 10
- Multiplying a 2-digit number by a 1-digit number
- Dividing a 2-digit number by a 1-digit number (with remainders)
- Measuring in millimetres, centimetres and metres
- Adding and subtracting lengths
- Measuring and calculating perimeter

## Inquiry based learning project Light and dark: exploring life in the rainforest.



## PSHE

**Our topic is Dreams and Goals and our learning intentions are:**

- I can tell you about a person who has faced challenges and achieved success.
- I can identify a dream/ambition that is important to me.
- I enjoy facing new learning challenges and working out the best ways for me to achieve them.
- I am enthusiastic about achieving our new challenge.
- I can recognise obstacles which might hinder my achievement and can take steps to overcome them.
- I can evaluate my own learning process and identify how it can be better next time.

## Geography

**In our Rainforest project, we will be learning about both the human and the physical geography of the rainforest. We will:**

- locate the rainforests of the world on a map
- discuss the differences and similarities of climate, plants, and animals in each location.
- compare rainforests to forests found in both Spain and the UK.
- study the layers of the rainforest, as well as the different animals and plants that have adapted to survive in each environment.
- investigate the impacts of human activity on rainforests and how this directly affects our lives; as well as researching how we can help protect the rainforest and making our own pledges to the protection of the rainforest.

## English

This half term, we will focus on the text ‘The Great Kapok Tree’ in our writing lessons. We will explore the features of story writing and work towards writing our own rainforest-themed tale.

After this, we will use our learning on the rainforest to write a letter persuading people to look after the rainforest.

Finally, we will create shape poems about rainforest animals and trees.

Our whole class reading text is ‘The Secret Explorers and the Rainforest Rangers’ by SJ King.

## Spanish

- Ortografía: ge, je, gi, ji, dr, tr, mp, mb, números ordinales (1º - 12º), cl, cr, r, rr.
- Libro de lectura en clase: “Los dientes del león”.
- Comprensión lectora de diferentes tipos de textos, poesía, ficción, textos informativos, etc. propuestos en el libro “El Ratón Lector”.
- Conocimiento del idioma: onomatopeyas, adjetivos comparativos de superioridad, inferioridad e igualdad.
- Expresión escrita: El cómic, y otros modelos presentados en “El Ratón Lector”. Entender la escritura como medio para expresar nuestras ideas.

## PE

- Introduction to Athletics and Sports Day training: long jump, high jump, Vortex, shot putt, discus, races and relays.
- Dance and rhythm activities.
- Traditional games.