

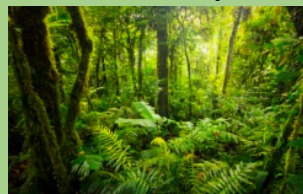
# What are we learning this half term?

Spring 2  
Angelou – Year 3

## Light and Shadows



## Why are rainforests important to us?



## Design and Technology

**Topic: Electrical systems: Electric poster**

- Understand the purpose of information design
- Research a set of topic to develop initial ideas
- Develop an initial idea into a final design
- Assemble an electric poster, including a functional simple circuit

## Music

**Topic: Pentatonic Melodies based on Chinese New Year**

- Describe the timbre, dynamic and textural details of a piece of music.
  - Understand and experiment with the pentatonic scale.
- Identify features of music from around the world.

## Home Learning

Please continue to support your child at home with the following:

- Weekly Maths
- Weekly English
- Daily Reading
- Weekly Spellings
- Myon
- TTRockstars

## English

**Core Text - Fiction:**

**Ramadan Moon**

- To write a narrative

**There's a Rang-Tan in my Bedroom**

- To write a persuasive letter

**Poetry:**

There's a Rang Tan in my Bedroom

## Geography

**Topic: Why are rainforests important to us?**

- Describe a biome and give an example
- State the location and some key features of the Amazon rainforest
- Name and describe the four layers of tropical rainforests
- Understand that trees and plants adapt to living in the rainforest
- Understand the lives of indigenous peoples living in the rainforest
- Describe why tropical rainforests are important and understand the threats to the Amazon.
- Fieldwork using a variety of data collection methods on understand how local woodland is used
- Analyse and present findings on how local woodland is used

## Computing

**Topic: Journey inside a computer**

- Recognise that the computer sends and receives information
- Explain that the parts of a laptop work together and the purpose of each part
- Explain what an algorithm is
- Suggest what memory is for inside a computer
- Make comparisons between different types of computer

## PE

**Topic: Dance (indoor)**

Witches and Wizards

**Topic: Tag Rugby (Outdoor)**

Invasion games

## Maths

**Topic:**

**Fractions**

- Compare and order unit fractions
- Understand numerators and denominators
- Equivalent fractions

**Measurement**

- Measuring mass in grams and kilograms
- Comparing mass
- Measuring capacity and volume in litres and millilitres
- Comparing capacities and volumes

## Science

**Topic: Light and Shadows**

- Explain the role of light sources
- Working scientifically: plan and draw a results table
- Investigate and compare light reflecting on different surfaces
- Recognise materials that form a shadow
- Working scientifically: investigate a question, make a prediction, record results and draw conclusions using scientific vocabulary
- Summarise how shadows change throughout the day
- Working scientifically: investigate how the distance of the light source affects the size of its shadow.
- Working scientifically: find patterns from observations and results and draw conclusions using scientific vocabulary

## PSHE

**Topic: Safety and the changing body**

- Understand the role I take when in an emergency situation
- Understand how to help someone if they have been stung or bitten
- Know the importance of being kind and what it looks like
- Know that cyberbullying is being unkind online
- Understand that not all emails are genuine
- Understand the choices that they make and those that are made by others
- Begin to recognise who and what can influence our decisions
- Develop an understanding of safety on or near roads

## RE

**What happens when we do wrong?**

- Explore different religion's views on morals
- Explore where in life we may face consequences for our actions
- Explore Christian beliefs around forgiveness and sacrifice
- Explore the Hindu belief of karma

## French

- Numbers and age