

Rainforests

Year 4 Autumn Term One 2020

MATHEMATICS

As **Mathematicians**, we will explore a range of fluency, reasoning and problem-solving questions on the following strands:

Number & Place Value

- Count in multiples of 6, 7, 9, 25 and 1,000.
- Find 1,000 more or less than a given number.
- Count backwards through 0 to include negative numbers.
- Recognise the place value of each digit in a four-digit.
- Order and compare numbers beyond 1,000.
- Identify, represent and estimate numbers using different representations.
- Round any number to the nearest 10, 100 or 1,000.
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value.

Addition & Subtraction

- To add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- To estimate and use inverse operations to check answers to a calculation.
- To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Measurement

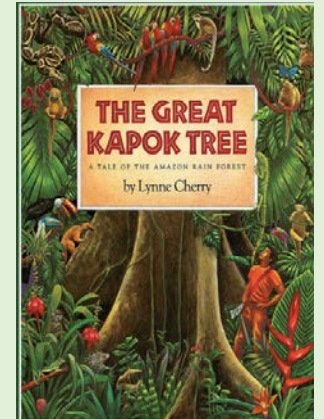
- To convert between different units of measure.
- To measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

PSHE

Focusing on the theme of Positivity the children will discuss things that have a positive and negative effect on their thinking. Children will also begin to make their own food choices, considering the benefits of eating healthy. Furthermore, children will learn strategies to keep themselves safe and healthy, emotionally and physically.

ENGLISH

In **English**, children will read '*The Great Kapok Tree*' to introduce the theme **rainforests**. Children will have the opportunity to respond to the text to express how they feel about rainforest conservation. Using the VIPERS question stems, children will develop their reading comprehension skills of the newly introduced text. Prior to reading, children will make oral predictions. Children will develop their understanding of text structure and vocabulary choices as well as evaluating word meaning in context. They will be using dictionaries and thesauruses to extend their vocabulary bank and explore shades of meaning. In a persuasive letter, children will plan and write their letter using key features of persuasion. Children will create and develop their key arguments from their chosen character's point of view and use research in books and online to find supporting evidence. In poetry, children will explore and write their own kennings, cinquans and haikus. They will also have the opportunity to perform their poetry in front of an audience.



SCIENCE

As **Scientists**, we will be exploring the topic of **Living Things and Their Habitats**. Children will begin to explore and understand how living things are classified. They will have the opportunity to research different habitats, deepening their understanding of the positive and negative effects humans have on local environments and the impact this has to the natural habitat of other species.

HUMANITIES

As **Geographers**, we will explore what a rainforest is and where they are found. Children will learn about the different layers of vegetation in a rainforest as well as investigate its climate. We will also research why the rainforest is under threat and what measures need to be taken to protect it. Children will then learn about the people and settlements of the rainforest.

As **Artists**, children will draw rainforest animals. They will study and replicate the art of Henri Rousseau. Finally, they will design, make and evaluate a rainforest animal mask.

In **Design & Technology**, children will design, make and evaluate a poison dart frog beanbag and a rainforest information book with moving parts.

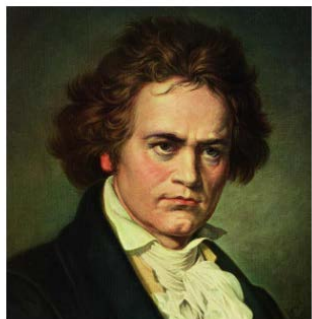
As **Digital citizens**, we will be studying the topic of **E-Safety**. Children will learn how to create strong passwords and a safe online profile, explore ways of preventing and reporting cyberbullying and understand the importance of copyright.

COMPUTING

Year 4 Term 1.1 Performing Arts Mamma Mia
Knowledge Organiser

Listening and Appraising

Introduction to the History of Music



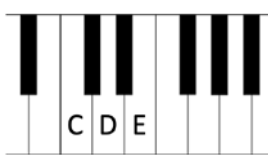
Beethoven composed music during the Classical era

Exploring music from different musical eras using language from interrelated dimensions of music:

- dynamics** (the volume of the music),
- tempo** (the speed of the music)
- structure** (how music is organised)
- pitch** (how high or low the sounds are)

Revising the families of instruments – **woodwind, percussion, string and brass**

Introducing the Keyboard



Singing and Performing

Mamma Mia by Abba (Pop)









Learning and performing songs by Abba, from **1970s**

Looking at structure -

- Introduction** – lets listener know the style of music
- Verse** – tells the story of the song
- Chorus** – talks about the main topic of the song
- Bridge** – A bonus bit of song linking one part of the song to another

Theory of Music

Revising note duration and rests:

Crotchet		1 beat
Crotchet rest		1 beat
Minim		2 beats
Minim rest		2 beats
Quaver		½ beat
Quaver rest		½ beat