

# Year 6 2021-22

## Autumn 1

# Parent/Carer Overview



### The Core

#### Reading / Spelling

##### Spelling

Your child will be focusing on words from the Y5/6 spelling list, as well as developing their knowledge of spelling rules and patterns to become more independent in spelling words with multiple syllables.

##### Reading

As well as daily Book Club and Reading Plus sessions, your child will study the novel 'The Explorer' by Katherine Rundell. They will take part in discussions about the text and develop their comprehension skills, focusing on finding evidence from the text to support their answers.

#### Writing

##### Non-Chronological Report

This half term, your child will learn the relevant skills to research rainforests and then write a non-chronological report on the subject. They will create a double page spread using pictures and paragraphing to present their work.

##### Setting Description- Rainforest

Your child will use their learning about the rainforest to write a setting description with a magical and awe-inspiring atmosphere.

#### Maths

##### Place Value & The Four Operations

This half term, your child will learn how to read and write numbers up to tens of millions. They will use these numbers to solve problems including: rounding, addition, subtraction, negative numbers, line graphs and coordinates.

Following on from place value, they will develop their understanding of multiplication and division by using the written methods with 4-digit numbers and will explore long division. Finally, they will study which order the operations should be used by studying BIDMAS.

#### Science

##### Light

Your child will complete investigations to discover that light travels in straight lines. They will use this knowledge to study reflection and will create their own periscopes, which use reflection to see around corners and over obstacles.

They will also study how the eye works and will be able to explain the functions of different parts of the eye. They will look at how light travels differently through water and prisms, where they will learn about refraction. Finally, they will be able to explain how shadows appear and change.

### The Creatives

#### Art & Design

##### Rainforest Reflections

Your child will use their knowledge and learning from Geography – South America – and their work in Reading – The Explorer - to study colour, line, texture, and perspective.

They will create an individual piece, including trees and animals of the rainforest, taking inspiration from the artists: Abel Rodriguez, Frida Kahlo & Vic Muniz.

#### Design & Technology

##### Fairground Rides

This half term, your child will develop their understanding of mechanical systems by studying how pulleys and gears work. They will base their learning on various fairground rides to find out how they move. They will work as a group to generate innovative ideas for their own rides, before creating electrical circuits to power their own rides, which will be made from wood. This will require them to use saws, hot glue guns and precise measurements with all equipment.

#### Music

##### Samba Drumming

This term, your child will be taught by our music specialist (Mr Reay). They will explore different rhythms and pulses within music. Your child will independently play and create rhythms using the samba drums and describe the structure of a piece of music.

##### Music of the Moment

Each day, they will listen to the 'Music of the Moment', which changes on a weekly basis. They will have the opportunity to discuss the music.

### The Humanities

#### Geography

##### What do places have in common? (Sao Paulo & Durham)

In Geography your child will be able to identify physical (natural) and human (man-made) features of each location. They will study maps and compare the locations of both places, as well as statistics such as population, average wage, and temperature. They will explain how all these things affect the way that people live in each location.

They will also develop their fieldwork skills through visiting Durham and plotting their route on a map.

#### RE

##### Diversity

This half term, your child will learn about what it means to live in a multi-faith society. They will explore which religions are represented in their locality and consider similarities and differences between them. Children will then take a closer look at the Islamic religion and consider what it is like to be a Muslim living in the North East.

#### History

##### The Maya

This half term, your child will place the Maya on a timeline in relation to other studies, i.e., Egyptians and Vikings, further developing their sense of chronology beyond their living memory. They will investigate Maya cities and understand the various classes in society. They will also use a range of historical sources to compare Maya livelihood, religious beliefs and attitudes to the Ancient Egyptians and Vikings.

#### PE

##### Cross Country/Athletics

Your child will work with our PE & Resilience Coach to practise and refine their running technique, selecting the most appropriate pace for different distances. Additionally, they will complete a competitive relay in a team of four and develop the correct techniques for various throwing and jumping athletic events.

#### Computing

##### Apple Pages & Microsoft Word

This half term, your child will work with our Computing specialist to develop their skills and use of Apple Pages and Microsoft Word. They will add, edit, and crop images; add borders, images, and shapes; create headlines; and evaluate which piece of software they prefer to use to present their work.

#### MFL

##### My Home

In this topic, your child will learn key words and phrases relating to where they live and their house. They will study how to use these words and phrases together in simple sentences, to describe different rooms and pieces of furniture in their house.

#### PSHE

##### Being Me in My World

Your child will spend time identifying and setting goals for the year and how to show resilience in the face of adversity. They will develop their understanding of children's universal rights and study the difference between wants and needs.

They will develop their self-awareness by studying how their actions affect others and the relationship between actions, rewards, and consequences.

### The Wider Curriculum