

**English:**

**Writing:**

**\*The Island and Jemmy Button:** To explore the genre and write an explanation text on Darwin's discoveries.

**\*Can we save the tiger?** Outcome is report writing—to write a hybrid text including information, explanation and persuasion.

**Reading:**

**\*The Explorer**

**\*The Jungle Book**

**Maths:**

**Geometry; Position and reflection**

**Algebra**

**Ratio**

**Statistics**

**Science:**

**The heart and Lungs**

Pupils study the circulatory system, learning about the basic components that make up blood, how the heart works and how blood circulates round the body. They learn about the lungs and the process of breathing and investigate the effect of exercise on the heart and breathing rates. They learn about the effects of smoking and alcohol.

**Field Studies**

Pupils use sampling techniques to support their studies of living things, using quadrats, sweep nets and other common field studies methods of finding out about animal and plant populations across the year. They compare populations in different areas and discuss the effectiveness of the different techniques they have used. We will be using visits to the Forest School site as a chance to use these skills as well as a using identification keys and spotters guides.

**Computing:**

We will be identifying how barcodes and QR codes work. We will learn how infrared waves are used for the transmission of data while recognising the uses of RFID (radio frequency identification) as well as gathering, analysing, and evaluating data collected from RFID data collection points.

**Our Topic Is...**

*OUR CHANGING WORLD—  
ENERGY*

**Geography:**

We will be exploring how energy is used in our daily lives, finding out where resource such as power and food come from, and look at ways in which natural resources can be conserved. After discussing the idea of a carbon footprint, we will have the chance to consider how our actions impact on others around the world, and to think about the changes that they could make to try to ensure that natural resources are shared so there is enough for everyone.

**DT:**

In connection to our *Geography* topic, we will be taking part in the wind power challenge which is an activity centring around making our own wind turbines models.

**PE:**

JH - Athletics

ZH - Rounders/Cricket

**French:**

Weekly session with specialist teacher (outside agency)

**RE:**

**What would Jesus do?**

Pupils will learn to relate biblical ideas, teachings or beliefs (for example about peace, forgiveness, healing) to the issues, problems and opportunities of their own lives and the life of their own community in the world today, offering insights of their own.

**What it means to be a Jew?**

Pupils will learn the key beliefs and teachings of Judaism, and the impact they have on the lives of Jews. We will also explore how the Jewish belief in one God compares to the key beliefs of other religions.

**Music:**

Weekly music lesson and Key Stage 2 singing session with Mr Butler

**PSHE:**

We will be discussing taking responsibility for our sleep, sun safety, healthy eating and managing feelings. We will also discuss setting goals and embracing failure and developing our understanding the importance of rest and relaxation. Later in the term, we will be exploring the emotional and physical changes of puberty, including menstruation and how a baby is conceived and develops.