**Maths**

This term in maths we will be following the year 3 and 4 new Maths National Curriculum.

We will be building on top of our previously learnt skills and will be focusing on securing the basic skills that will allow us to progress through maths, especially number bonds, counting, times tables and generating efficient methods to use.

Linked to our Indonesian Rainforest and Animals topic we will use types of measurements to compare sizes of various things found in rainforests, along with the maths behind volcanoes, earthquakes and tsunamis (dates, times)

We will investigate the maths that can be done within the Indonesian Rainforests; the distance to the Rainforest, the size of it, the density of the trees, the population and much more.

***‘It wasn’t as if there wasn’t fruit in abundance all around me in the jungle, but none of it was fruit I recognised, and anyway I couldn’t get at it. I was looking for bananas.’***

**Science**

**Plants (Year 3)**

This term we will be discovering plants, including the parts of flowering plants, along with life and growth for plants, with a focus on water in plants.

**Animals (Year 3 and 4)**

We will be looking at animals focusing on what animals need to eat, how they eat and how they collect their food. We will also explore food chains, producers, predators and prey.

**Living things and their habitats (Year 4)**

We will be grouping living things, exploring classification and environments within which different animals live and linked with impacts of changing environments.

**Music**

***‘I wondered at how skilful and delicate an instrument it could be, how powerful, how sensitive, how infinitely manoeuvrable.’***

Throughout this term we will be exploring composition, discussing what it is and having a go at composing our own music. We will also explore different sounds, which will be linked to the sounds of the Indonesian Rainforest.

*Year 4 will be involved in brass instrument tuition and year 3 will be taking part in the Singfest performance in March.*

**Art**

**‘Elephant and Tiger stood there eying one another for several minutes. But without ever actually looking straight at each another.’**

Our Art work this term will be based around the work by Oenone Hammersly, Gauguin, Matisse and Rousseau. We will be exploring the work of these artists, observing the techniques used and the use of colour. We will then apply these techniques and styles to our own art work, which will focus on the animals in the Indonesian Rainforests.

**PE**

In PE this term we will are going to be building on our current PE skills and fitness through a range of activities to improve flexibility, strength and fitness. We will also be working on bouncing skills and playing a range of games to develop these.

**D&T**

***‘A virtual one that had been set off after the volcanic eruption on Krakatoa.’***

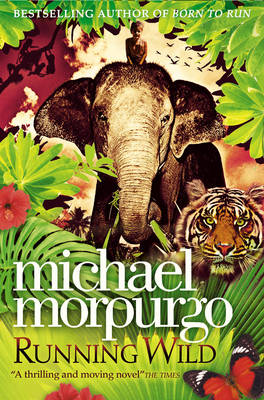
Our DT project this term will allow us to understand and use the 5 stage process, with the aim of creating a volcano that erupts.

**RE**

Our RE this term will focus on the Jewish faith and family life, along with exploring Faith and the Arts of Christmas.

**Running Wild**

***Michael Morpurgo***

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**Literacy**

***‘I happened to pick up Mum’s holiday brochure. I opened it. The first picture I saw was of an orang-utan gazing out at me, wide-eyed and thoughtful.’***

Our Literacy this term will be led by our very exciting class text, ‘Running wild’, Michael Morpurgo. We will read our text throughout the term and use parts of it as inspiration for our writing, as well as looking at the style of writing, vocabulary, punctuation and grammar used throughout. Alongside our class text we will look at a wide range of other fiction and non-fiction texts.

Over this term, we will cover a range of genres, including narratives, diary writing, descriptive writing. Within this we will be developing our vocabulary, exploring words and their meaning.

We will be securing our use of the basic punctuation (capital letters, full stops and commas); this will allow us to move onto developing our sentence structures, using more than one clause. Conjunctions will also be a focus during this term, ensuring that they are used correctly and a variety are used throughout a piece of writing.

This term we will be working hard on writing independently, at length for a set period of time.

***‘And do you know where that is? Indonesia, where my family come from.’***

**History**

* The impact of tectonic plate movements over time
* Looking at volcanic eruptions, tsunamis and earthquakes that had a significant impact on the population/land in the pat

**Geography**

* Tectonic plates
* Volcanoes, Earthquakes, Tsunamis – formation and impact
* The Ring of Fire
* Using maps and atlases o locate countries/cities/significant areas

*The topics in Geography will make links to the Indonesian Rainforest and across the world. Technical vocabulary will be developed and used throughout.*

**Computing**

We will develop our programming skills through the use of Scratch, we will learn how to control and adjust the programme. We will create algorithms to be tested and then de-bug them as necessary to create the desired outcome. We will be learning the necessary vocabulary to support programming.

**Planning Overview**

**Autumn 2016 – Indonesian rainforest and animals**

**Base 3/year 3 & 4**

**Miss Phillips**