

## Mathematics

Measurement is our first topic. In Year 5, children learn how to convert between different units of measure (metre and kilometre, gram and kilogram, litre and millilitre etc.). We will practise the skill of estimating volume and capacity. The children also need to understand approximate equivalences between metric units and common imperial units. We will revise time, ensuring everybody feels confident with the 12 and 24-hour clock. Looking at measurement provides the perfect opportunity to revise all four operations to solve worded problems. Moving on to statistics, we will solve problems using information presented in a line graph. We also need to complete, read and interpret information in tables (including timetables). Mr Hughes will continue teaching shape, position and direction.



## English

Our first English focus is writing to inform. We will read different magazine articles and discuss the style of writing. The pupils will carry out research, speak to potential readers and decide on content. For our final piece, we will plan and write our own articles to form a Year 5 magazine. In the summer term, we also look at writing to discuss. Should deforestation be illegal? Should animals be kept in zoos? Should plastic be banned completely? Should wealth and resources be shared equally around the world? The children will need to structure their arguments carefully, use appropriate cohesive devices and maintain a formal tone throughout. In terms of punctuation, we will continue to use brackets and dashes for parenthesis but will also learn how to use colons and semi-colons to mark related clauses. Our final piece of writing will be a narrative based on the animation 'Ride of Passage' – this links well with the rainforest and our precious planet. We will also study *Kensuke's Kingdom*.



## Science

Because our main topic is Planet Earth, it makes sense to learn about its inhabitants! Our first Science topic is Living Things and their Habitats. We will investigate the life cycles of birds, insects, reptiles, mammals and amphibians. Year 5 will then work scientifically to compare the life cycles of plants and animals in our local environment, to the life cycles of those living in the oceans, deserts and rainforests. Watch out David Attenborough! As part of this topic, we will also learn about sexual and asexual reproduction in plants. In Summer 2, we will create a timeline to indicate stages of growth in humans. We will also talk about puberty – information and consent forms will be sent nearer the time.

### Welcome back everybody!

Mr. Hughes and I hope you all had a wonderful Easter break and enjoyed a chocolate egg or two! As a class, we made great progress during the Spring Term and I can't wait to continue our learning and reach our full potential by the end of Year 5. Read this letter to gain an insight into what you can expect from our final term together. I know how much you all love learning about our wonderful world and therefore I know you will be excited to hear that the overarching theme this term is... Planet Earth!



## Geography

Geography is the driver for our learning this term as we foster our curiosity and fascination with planet Earth. We will learn about Shackleton and his Antarctic expeditions. Brrrr! Pupils will be able to identify and name the Arctic and Antarctic circles and the tropics of Cancer and Capricorn. They will collect information about the Arctic before writing a report. The children will certainly develop their locational knowledge this term, identifying counties in South America. They will see how lines of longitude and latitude are used to locate places on Earth.



## RE

In RE this term, children will start by looking at inspirational stories of women in the Bible such as Jochebed and Ruth.

Following this, the class will look at the story of Daniel and learn that there is much more to his tale than simply stepping into the lions' den!!

## Computing

This term is all about working with code and producing video games through algorithm work! So far, we've worked hard on animating using Scratch it's now time to analyse and create our own video games! Using our topic of 'Planet Earth' as inspiration, we will aim to make simple video games that entertain and inform!

## Design Technology

D&T lessons will begin with cooking and nutrition. Pupils will learn about seasonality and will discover where, and how, a variety of ingredients are grown, reared, caught and processed. We will prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.

## PSRHE

Our first topic is 'Belonging to a Community'. This involves looking at how to show compassion for the environment, animals and other living things (fitting perfectly with our main theme). We will then move on to 'Growing and Changing' and more information will be sent to parents and carers about this.

## Art

Fitting in nicely with our Planet Earth topic, Art lessons are going to focus on landscapes and cityscapes. The children will learn about a range of artists that use a variety of media and combine it in interesting ways. They use different methods and techniques to capture the energy and spirit of both our natural and humanmade world.



## PE

Rounders and Athletics are first on the PE agenda. After May half term, we will move on to Athletics and Miss Pemberton's favourite – Rounders! Who can't wait for sports in the sunshine?

## French

This term we will be focussing on French around the world! We will look at the many different countries French is spoken, how their culture and climate differs to our own and how to give and ask for directions if we were lost there!

## Useful Websites

<https://trockstars.com/>

<https://mathsframe.co.uk/>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://readingeggs.co.uk>

<https://spellingframe.co.uk/>

<http://www.ictgames.com/mobilePage/lcwc/index.html>

## Class Routines

- Homework will be given on Friday and is due the following Friday.
  - PE will continue to take place every Thursday afternoon.
- Reading homework: The Home School Diary contains a reading sheet which must be signed by an adult each time your child reads at home
  - Maths homework: Times Table Rockstars is an ongoing expectation throughout the year.
  - If there is a message from home, please ask your child to pass their Diary to a member of staff.

