



# Spring term in Climate Class

## Science

In the first half of the term, we will be learning about forces, friction and resistance, such as gravity, air resistance and water resistance. We will be conducting investigations to question how different materials can affect these.

In the second half term, we will be exploring space. We will learn about the different planets, phases of the moon and explore the Earth's rotation to explain day and night.

## Maths

This half term, for both year 4 and 5, we will be starting off with one of our biggest units – Fractions! Within this, we will explore equivalent fractions, order and compare and add and subtract fractions and Year 5 will be multiplying fractions. We will then use our knowledge from this to move onto decimals for year 4 and percentages for year 5

**Any additional multiplication and division practice at home will be very beneficial! TTRockstars and Hit the Button are highly recommended!**

## Music

Year 4 will be listening to Indian music and finding out about the instruments groups. They will develop playing to compose short musical compositions in the style of Indian music. In Spring 2 they will further develop their ukulele playing, focusing on technique, playing melody and accompaniment with chord playing.

Year 5 will be investigating the work of Lord Andrew Lloyd-Webber as a modern-day composer and investigating his musicals. We will be singing songs from 'Joseph and the Amazing Technicolor Dreamcoat' and 'Cats'. We will explore playing 'Memory' from stave notation using the ukulele and further developing our ensemble playing into Spring 2.

## French

Our topics will focus around 'shopping' and 'weather & seasons'. The children will develop their French conversation from the Autumn term, building through practical and verbal activities and linking learning together.

## Computing

This term, Year 4 will be learning how to create a webpage, using a range of different publishing skills and software to do so. Year 5, will be looking at data handling and how to interpret data using software. They will do this by looking at the Mars Rover and exploring how it retrieves and sends data to NASA.

## English

In English, we are starting off the term with horror story. Throughout this piece of work, we will be developing our grammar skills, working on description, building tension and suspense and punctuating speech. We will then move on to writing a travel brochure for a country of their choice and exploring the non-fiction features of this type of text.

After half term, we will be writing a Sci-Fi story and we also be writing a biography of some famous figures in history.

## Geography & History

History, we will be exploring the Victorian technology and the technology that was used in WW2, looking at how this has changed over time and how it has influenced things we still use today. In Geography, we will be using our location and mapping skills to explore the local Victorian town of Saltaire and we will use our history knowledge of the town to help us explore how it has developed over the years.

## Art/DT

This term the year 5's will be learning about the coastal artist Alfred Wallis. The children will be creating a coastal painting inspired by Alfred's work, using acrylic paints, wax and scratching techniques.

The children in year 4 will be also creating art inspired by the coast. We will be planning, creating and evaluating a piece of art depicting a beach scene made from clay.

## PE

The term we will begin by focussing on learning street dance and outdoor teamwork and problem solving activities. We will be moving on to striking and fielding games such as cricket for outdoor PE and move onto floor-based gymnastics for our indoor PE session.

**Reading books** will be changed regularly as Children complete their books. Most children will read to an adult within the week and we ask children to read at least 3 times a week at home, to be in with a chance of winning a prize from the bag!

**Spellings** - Please help children practice their spellings at home. New spellings will be given each Friday to be tested on the following Friday.

**Homework** - Children will be directed to use IXL and Timestable Rockstars to complete tasks linked to learning within the week.