

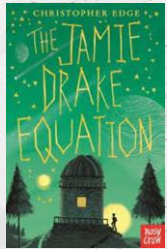
# Spring Term in Year 5

## English

We will revise punctuation and grammar this term. We will focus on the use of semi-colons, commas and ensuring our sentence structure is sound. We will be writing Science fiction stories and studying the poem 'The Highwayman'. Using inference skills to write newspaper reports. In reading we will be focusing on using evidence from texts to support answers.

**We are reading...**

In class we are reading Jamie Drake Equation by Christopher Edge.



## Maths

This term we will be building our knowledge in multiplication and division which will help when we learning to multiply fractions. Following this, we will use our new knowledge to learn decimals and percentages, continually working on calculation strategies and apply these to reason and problem solving.

## Science

We are learning about space for the first half of the term, learning why we have night and day and the planets. We will then move on to look at forces, including gravity, which helps understanding of the movement of the moon and the solar system. We will develop scientific knowledge by finding a scientific question to investigate, how to make a test fair and writing our investigation as a report using scientific vocabulary and explanation.

## Art

We will be investigating textures and shapes in art, designing and creating sculptures using junk and Modroc. We will then be building our knowledge and application of tone, shading and texture to enhance the sculptures.

Through this learning we will continue to use sketching pencils where we will choose the correct pencil to get the desired effect in our work.





## Geography/History

Within our history we will be looking at how space exploration has progressed modern living and developed the human race to reach the moon. We will be considering and debating if man really reached the moon!

In geography our map skills will develop to understand grid references and how the landscape is delineated using contour lines. We will also be looking at the invisible lines around the world, longitude and latitude.

## DT

As part of our space theme, we will plan and make a space buggy. We will be using our knowledge from science to help design a space buggy, considering what design features they need and if they need any change to optimise the uses of force on the vehicle.

## Music

During music we follow Charanga weekly lessons. We will be looking at key and time signatures and considering how does music change our world? We will be using the keyboards to investigate and learn about chords.

## P5HCE

We will be continuing to build our communication skills and the importance to show respect about people's opinions and when it is appropriate to say things or not. We will also be discussing how their bodies will change as they develop.

## Computing

This half term we will learn about flowcharts and using the program Flowol. We will be looking at how flowcharts are a form of algorithm and the importance to correctly ordering processes to enable systems to work. We will also be looking at how radio stations work and developing their own podcasts.

## PE

This term we will be developing our core strength through gymnastics and how to orientate around the room using movement. We will also be using our creative side in dance to choreograph some routines using music from Gustav Holst's The Planets.