

## English

- To develop our skills of spoken language when performing/ sharing our ideas and learning: this will help our written sentences.
- To explore the features of non-chronological report and to recognise specific language features within a non-fiction piece of writing.
- To plan and assess our own writing and the writing of our peers.
- To work on our skills of editing and drafting a piece of writing: checking for inconsistencies in tense, punctuation and sentence structure.
- Up-levelling our vocabulary and structuring our sentences to enhance meaning.
- To explore the features of a diary, selecting the appropriate register.
- Adopting the role and characterisation from a novel, further developing expression within our writing.
- To explore the genre of poetry to develop and consolidate an individual written voice/identity.
- To understand and employ similes, metaphors and personification correctly; exploring figurative language and its role in high level description.

## Science

- To name the eight planets and their position in the solar system.
- To understand the scale of the planets within the solar system.
- To understand the process of day and night on Earth.
- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent.
- Movement of the sun across the sky.

## Maths

- To read write, order and compare numbers to at least 1,000,000 and to determine the value of each digit.
- To add and take away any multiple of 10 from a given number.
- To explore negative numbers in real life contexts (the weather).
- To round numbers to the nearest 10, 100 and 1,000.
- To read Roman numerals to 1,000.
- To add and subtract whole numbers with more than 4 digits using the column method.
- To add and subtract mentally with increasingly large numbers.
- To solve multi-step addition and subtract problems uncovering which operation needs to be used.
- To identify multiples and factors to develop our understanding of factor pairs and common factors.
- To identify and recognise prime numbers, prime factors and composite numbers.
- Multiply numbers up to four digits using a formal method.
- To divide numbers up to four digits using a formal method.
- To calculate the area and perimeter of rectangles and irregular shapes.



### Year 5 Curriculum Overview

# Stargazers

## DT

- To design, make and evaluate a space snack that would provide an astronaut with the suitable properties for living up in space for a prolonged period of time.
- To consider how this space snack could be packaged appropriately to ensure it was not spoiled in different environments.
- To explore various cooking techniques whilst preparing our snack.
- To taste a range of different foods and to explore their properties.

## PSHE

### Living in the Wider World

- To learn why and how rules and laws that protect themselves and others are made and enforced
- To resolve differences by looking at alternatives, seeing and respecting others' points of view, making decisions and explaining choices
- To learn that they have different kinds of responsibilities, rights and duties

## Music

- To perform, listen to, review and evaluate music across a range of historical periods.
- To learn about the works of great musicians and composers.
- To learn to sing and to use their voices to create and compose music on their own and with others.
- To understand and explore how music is created.

## Geography

- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).
- To use understanding of the Moon, Earth and Sun to explain night and day.

## PE

- To use running, jumping, throwing and catching.
- To play competitive games and apply basic principles suitable for attacking and defending.
- Develop flexibility, strength and technique, control and balance.
- To perform dances.
- To compare and evaluate performances.

## RE

### What we can learn from Religions about Temptation

- To understand what temptation is
- Explore how people deal with temptation
- To understand the consequences of giving in to temptation
- To explore the importance of forgiveness

## Computing

- Using formulae on excel to explore planets and their distances