

Year 5 and 6 – SPRING TERM

Maths:

The children will develop their fluency, reasoning and problem-solving skills to gain a deeper understanding of their mathematics. They will continue to practice written methods for multiplying, dividing, adding and subtracting larger numbers, before moving on to explore fractions, decimals and percentages. They will structure their own investigations and solve a wide variety of increasingly complex problems.

Science:

During the first half of the term, the children will investigate how adaptation, in plants and animals, leads to evolution. We will explore natural selection, variation and inherited traits as we consider how species have evolved over time. During the second half of the term, our learning will shift towards studying the solar system! The children will look at the movement of the Earth relative to other planets, our moon and the sun. We will identify and name all of the planets in our solar system and consider how scientific theories about our universe (in particular, geocentric and heliocentric theories) have changed over time.

Art:

Our work, this term, will be based on a study of surrealism. The children will be designing, drawing and painting their own piece of surrealist artwork. They will explore and analyse a range of surrealist paintings, especially those produced by Salvador Dalí. The children will experiment with surrealist ideas and will have opportunities to practise drawing techniques before designing and creating their own final piece of surrealist artwork.

English:

The children will develop their writing, reading, and presentation skills through studying a range of genres this term. They will continue to read a variety of texts; use their comprehension skills; and be encouraged to use what they have learnt to improve their descriptive writing. They will also take part in reading activities to improve and deepen their understanding of different texts. Pupils will also be taught handwriting, spelling and grammar which will help to improve the way in which they write and punctuate sentences, as well as impacting on the overall presentation of their work.

PE:

During this term, the focus of the pupils' learning will be divided between two key areas. Firstly, the children will develop their dance skills by working on a piece linked to the Greeks; they will have the opportunity to move like their favourite God! The children will also develop their football skills in their second lesson of PE. They will be working on their passing, dribbling and defence strategies during the lessons. Pupils will need a P.E kit consisting of a white T-shirt, black/blue shorts and a pair of appropriate footwear to change into. In addition, long hair needs to be tied back and earrings removed or covered with tape provided at school.

Music:

Gustav Holst composed a series of pieces reflecting the characteristics of the different planets. We will study 'Mars' and the way the instruments and different musical elements represent its fiery nature and then create our own composition focussed on another planet.

PSHE:

The children will be encouraged to talk about sharing their feeling and emotions regarding anger, in a supportive environment. We will also be looking at the importance of making sensible choices, particularly online which we will explore with the children through internet safety.

ICT:

During the first half of the term, we will be looking at computing systems and networks; we will be increasing our awareness of the 'web' and focussing on efficient and safe use of the internet. During the second half of the term, we will be looking at organising and presenting data in spreadsheets.

History:

The children will be continuing to explore the achievements of ancient civilisations and their understanding of how they have helped shape the world we live in today. They will gain an overview of where and when they appeared on the historical timeline and will conduct an in-depth study of the Maya. Through exploration and investigation, they will aim to critically analyse historical sources and artefacts. This will allow them to communicate their own findings and develop their passion and curiosity to uncover the secrets from the past!

RE:

During the first half of the term, we will be exploring the Christian view of God. We will consider the meaning of words such as 'omnipotent' and 'omniscient' and what it means for Christians that God is holy and loving. During the second half of the term, our focus will turn towards Judaism. We will consider why the Torah is so important to Jewish people.

Geography

We will be commencing our new unit of work, in geography, with an initial focus on the Earth's six major biomes. We will learn about their specific climates and how these climates are impacted by their proximity to the equator and the amount of rainfall they receive.