

Maths

This term we will focus on:

- Add up to 4 digit numbers
- Subtract up to 4 digit numbers
- Divide and multiply numbers
- Add and subtract fractions
- Problem solving
- Reasoning
- Area and perimeter

English

FICTION: Unit 1 - **How to write a finding story**- We will read Kensuke's Kingdom and use this text to help us to develop a finding story. We will explore characters and settings within these types of stories, consider language features and then plan and write our own stories.

NON-FICTION: Unit 4 - **How to present a TV explanation**- We will write an explanation of how something works and then present it in role as an expert on a TV programme.

POETRY: Unit 15 - **How to write a nonet**- We will explore this poem structure and write our own nonets.

NON-FICTION: Unit 7 - **How to write a biography**- We will write a biography about a significant person linked to our topic.

FICTION: Unit 2- **How to create atmosphere**- We will learn more about suspense writing.

PSHE-Relationships

Our PSHE work will focus on the positive qualities of a team, learning how to disagree respectfully and communicate effectively.

Outdoor learning

Science investigations to be completed outside: exploring positioning of Earth/shadows.

History

We will explore the historical beliefs held by people throughout history about our planet and the solar system. We will focus on the evidence provided by Aristotle that proved that the Earth is a sphere shape rather than flat. We will work to understand how Aristotle gathered evidence to prove his theory. We will also explore how people through history have used constellations to form beliefs about their lives and experiences, especially in ancient civilisations. We will focus on the work of Isaac Newton and his discoveries about gravity and how this made an impact during a time with little knowledge about our planet. Linked to our art work, we will find out more about the opinions held by people in history about the what the future world would be like. We will focus on the 'Space Race' and how space travel has evolved over time.

Geography

We will identify the different layers of the Earth's surface and consider the effects felt at the surface of the Earth when tectonic plates move. We will explore the structure of a volcano and identify volcanoes around the world. We will explore the deadly features of a volcanic eruption and will find out more about historic eruptions and the impact these have had on places across the world. Later on in our topic we will identify the causes of earthquakes and understand what seismic waves are and the effect they have during an earthquake.

Art: Drawing: I need space

We will find out more about the 'Space race' and the impact this had on art during this time. We will use 'Family playing on the moon' to explore people's opinions of what a modern world would look like and then use this to inspire and sketch our own versions of a world of the future. We will then use a range of printing and art techniques to create mixed media artwork.

Earth and Beyond- What is out there? (Autumn Term)

Music-Kapow

Weekly songs about Earth and Space where the children will focus on developing their understanding of pitch, rhythm, dynamics and melody and perform their own songs.

DT Healthy eating

Learning about how to create a healthy meal and making the resources.

Science: Earth and Space

We will begin by exploring scientific evidence provided to explain the shape of the Earth. We will explore the lives of scientists that provided this evidence and how this has changed thinking about Earth and space across history. We will create scaled drawings showing the size and distances of the sun, Earth and moon. We will explore why day and night occur and why we have seasons. We will also investigate how shadows change throughout the day and use this to justify thoughts about the Earth's movement on its axis. We will explore what is beyond our planet specifically; constellations and the other planets in our solar system. We will also set up investigations to find out more about gravity and how its discovery affected us.

Computing Online Safety and Data Handling: Mars Rover. We will identify how and why data is collected in space as well as considering the type of data that is collected. We will also learn to read and calculate numbers using binary code.

CST Principles

An option for the poor and vulnerable

Every person needs food, water, work, housing, school, and medical care. Those who do not have these are poor. Our Church teaches that these sisters and brothers must be treated with extra respect and extra care and have access to what they need.

The dignity and rights of workers
Everyone's work is of value. There are many kinds of work.

Spanish

In Spanish, the children will learn;

- Numbers from 1-20
- The days of the week
- The months of the year
- Key phrases in order to practise conversations
- Different school subjects/hobbies

PE Swimming and Football

Some children will be attending swimming lessons this term and everyone will take part in our football lessons.

Cooking and growing

Topic themed opportunities.

RE: Creation and Covenant, Prophecy and Promise