



Autumn Term 2022:

Is There Anybody Out There?



As mathematicians, we will...

- Understand and use numbers up to 1,000,000
- Round numbers to the nearest 10, 100, 1000
- Count in 10's, 100's, 1000's and 10,000's
- Understand and use Roman Numerals
- Adding and subtracting 4-digit numbers with and without exchanges.
- Round, estimate and approximate.
- Inverse
- Problem solving

As artists & designers, we will...

- identify and draw objects and use marks and lines to produce texture.
- produce a detailed, step-by-step plan.
- explain how a product will appeal to a specific audience.
- design and create rockets
- use oils and pastels to recreate artwork in the style of American artist, Peter Thorpe.

As scientists we will...

- Describe and explain the movement of the Earth and other planets relative to the Sun.
- Describe and explain the movement of the Moon relative to the Earth.
- Explain and demonstrate how night and day are created.
- Describe the Sun, Earth and Moon (using the term spherical).
- Explain what gravity is and its impact on our lives.
- Identify and explain the effect of air resistance, water resistance and friction.
- Explain how levers, pulleys and gears allow a smaller force to have a greater effect.

As writers, we will producing:

Non-Chronological Reports - The Solar System
 Diary Entries - Tim Peake
 Instructions - How To Build A Rocket
 Newspaper Reports - Aliens Have Landed
 Balance Arguments - Do Alien's Exist?
 Character Descriptions - A Christmas Carol

As active pupils, we will be exploring a range of activities throughout the year on rotation. These include:

Hockey, tag rugby, netball, dance, outdoor adventurous activities and volleyball.

In religious education we will be...

learning about Sikhism and from November, we will be learning about the Christmas Story.

As historians, we will...

- Draw timelines with different historical periods showing key historical events or lives of significant people.
- Test out a hypothesis in order to answer questions.

As readers, we will...

build upon our skills in retrieval, deduction and inference across a range of texts linking to our project

As Citizens, we will learn about...

- Showing respect for differing opinions and beliefs.
- How organisation is important.
- Our morals and how they affect others.
- Anxiety and how to deal with it.
- Managing anger.

As British Citizens we will be promoting...

- Democracy
- The Rule of Law
- Individual Liberty
- Mutual Respect
- Tolerance of those with different faiths.

We will be enjoying a visit from...

Starlincks Planetarium

We will be visiting...

Louth Library to support our project and encourage a further love of reading.

