

To infinity and beyond!



Year 5/6
Autumn Term



Areas of learning:

As **Scientists** we will be developing our knowledge of the Earth's (and other planets) place in the solar system, and their relationships with other bodies in space, in particular with the Sun.

We shall also be looking at forces and the way in which they work in our everyday lives.

We will be developing our knowledge and understanding of changes to materials; recognising that some changes such as melting, evaporation and dissolving are reversible while other changes are non-reversible, including burning and production of rust or a gas as the result of a chemical reaction.

As **Design Technologists** we will be designing and creating a tourist rocket with detachable parts in line with our topic work based on space travel. We shall be evaluating our final pieces and suggesting improvements.

As **Artists** we will be exploring a range of media whilst studying the artist Peter Thorpe and will investigate his work using bold and bright colours on a space theme.

We shall also represent the planets through a range of media.

As **Historians** we shall be investigating space travel throughout History and how such travel has influenced our current thinking about Space and Beyond. We shall research the first mission to the moon and the first female in space.

As **Geographers** we will focus on the influential countries in space endeavor and locate these on a world map. We shall make comparisons between these countries and the UK.

English:

As writers we shall be exploring a range of genres such as Biographies, Poetry, Information Texts and Non-Chronological Reports.

We shall be looking at a range of grammar features and applying these to our own writing.

Using 'Dr Xargle' as inspiration, we shall be creating 'Out of this world' stories to keep you on the edge of your seats!

Maths:

In maths we shall be focusing on an array of mathematical areas including: Number and Place Value, Fractions, Written Methods, Properties of shapes and Measurement of Time.

We shall continue to work on our mental arithmetic skills in weekly sessions.

British Values:

The British values we will be exploring are:

The 'Rule of Law' and Democracy.

Religious Education:

In RE we will be answering the questions:

'Do Sikhs need the Guru Granth Sahib?'

'Does God communicate with Man?'

Music:

As musicians we shall be embarking on a musical journey through the solar system, exploring how our universe inspired composers including Claude Debussy, Gustav Holst and George Crumb. The children will learn a song and compose pieces linked to space.

Computing:

During this first term we shall be revising E-Safety (S.M.A.R.T) and safe searching on the internet.

We shall be looking at how reliable website information is and how to conduct safe searches.

SMSC:

To develop our spiritual, moral, social and cultural awareness:

Throughout a range of subjects during this topic we shall be developing as thinkers answering questions and solving moral dilemmas.

Physical Education:

As sports men and women we shall be learning the skills of invasion games. We shall be learning to defend and attack in a range of sporting games such as football, rugby and hockey.

We shall also be revising sportsmanship within team games.

French:

As linguists we shall be learning French numbers and classroom instructions for us to use in class daily.

We shall also be learning classroom objects and the days of the week- both verbally and written.

PSHE:

During our PSHE session we shall cover a range of themes including:

- Praise and criticism
- Personal Power
- Choices and Consequences
- Anger and how to deal with it
- Celebrating Differences

Enrichment:

To excite our children's passion for learning we will be:

We shall be inviting the local Tackley Astronomer to visit us and inspire our learning.