



Historical and Social Understanding

Children will:

- Learn how scientific ideas about the earth in space have changed over time
- Research and discuss various religious and non-religious perspectives
- Apply their literacy skills to learning in this area

Outcomes

Children are aware of the how progress in technology and education have changed and challenged ideas and beliefs about the universe and how it works.

Understanding Physical Development, Health and Wellbeing

Children will:

- Develop ball control skills, team work and spatial awareness through playing basketball
- Develop co-ordination, team work and fitness in dance
- Learn about the changes that take place as we grow through puberty

Outcomes: Increased confidence and physical and emotional well-being.

Understanding English, Communication, and Languages

Children will:

- Read, discuss and enjoy a variety of poetry
- Learn a poem by heart
- Learn to recognise the features of different types of poems
- Write, evaluate and improve their own poetry
- Explore personification in writing
- Use their knowledge of poetry create an anthology of poetry based on Holst's Planet Suite Planets
- Publish their work
- Continue to investigate and learn spelling patterns
- Read and analyse a variety of texts

To infinity and beyond...!
 This term our learning is going to be out of this world as we venture into outer space and embark on an intergalactic mission of exploration and discovery!

Mathematical Understanding

Children will:

- Use their understanding of place value and greater than and lesser than symbols to compare numbers
- Consolidate their understanding of 0 as a placeholder
- Count in negative numbers
- Use and develop efficient mental and written strategies for adding and subtracting numbers to solve word problems
- Work with numbers that include decimals
- Compare fractions and decimals
- Find fractions and decimals of shapes and numbers
- Work collaboratively to investigate maths based problems

Outcomes:

Children can discuss number with confidence and accuracy.

Children can apply their knowledge of calculations to contextualised problems

Children understand fractions and decimals as being parts of numbers and use this to compare and calculate numbers.

In discussing and evaluating their understanding and reasoning skills, children gain more confidence in problem solving.



Understanding the Arts

Children will:

- Experiment with a variety of media to create colour and texture
- Develop language to be able to talk more specifically about images.
- Work collaboratively to achieve desired effects
- Listen to and Interpret Holst's Planet Suite

Outcomes:

Children know how to create different effects for different purposes and have experience of how music can be used to create atmosphere and character and make a large-scale representation of the planets in our Solar System.

Science and Technology

Children will:

- Learn about where light comes from, how it travels and allows us to see.
- Investigate how light travels through different materials.
- Visit the Science Museum for an action packed night of scientific fun, including tours of the space galleries and light workshops.
- Learn about the Earth's place and movement within our solar system and how this gives us day and night, months, years and seasons.

Outcomes:

Children know how to plan and writing up a scientific investigation and can use their understanding to explain what the observe.



Diary Dates!

Friday 13th January—Science Night!
 24th January — 9.15am Ocean Maths
 Mondays: Indoor PE Dance
 Thursdays: Outdoor PE Basketball

