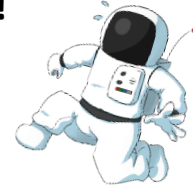




To Infinity and Beyond!

Year 5

Autumn 2024



Rationale for Learning

This term we shall be focusing our learning on space, the universe and the solar system. We shall be developing our scientific skills to research, identify and understand the planets and their features. We shall be completing a range of experiments to help the children learn about forces of gravity, air resistance, friction and centrifugal forces.

We will be using a range of non-fiction books and technology to support our research and learning.

Suggested activities for families to help support learning

Regular times tables practice up to and including the 12 times table – everyone should have a log in for Times Table Rock Stars. Activities to complete will be set weekly on Mondays.

Every child should be reading at home for at least 15 minutes every day. Children still enjoy being read to so try to allow some time for this regularly. An audio book at bedtime or in the car is a great way of listening to a wonderful range of books.

There are so many fascinating things to learn about space. We enjoy hearing new facts that the children have discovered in their own time and would love to display them on the walls in the classrooms, so send them in!

Homework will be set weekly via SeeSaw on a Monday (from week 4) and should be uploaded by the following Monday. It will be responded to during the week. In addition to their reading and TTRS, the children will be set two to three short tasks that consolidate learning from the previous week's learning.

Key Vocabulary: solar system, planet, the sun, moon, stars, galaxy, universe, gravity, orbit, asteroid, meteorite, gases, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, dwarf planet, satellite, vacuum, comet, astronaut, space shuttle.

Reminders

Our **P.E. days** are Tuesday and Wednesdays. As the weather gets colder, please remember to send in jogging bottoms and a jumper for outdoor PE.

Friday 11th October: 1960s/1970s History Day. The children come to school dressed in a 1960s/1970s style costume for an immersive history day. Please let us know if you have any artefacts of the time that you would be able to loan us for the day.

We are planning a topic related trip for later in the term, more information will follow soon.



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Study Unit Overview

Mathematics

Place value – including decimals to 2dp and negative numbers
Addition and subtraction
Multiplication and division
Area and perimeter
Statistics

Art

Studying the work of Peter Thorpe and recreating pieces in his abstract style
Fashion design (surface and colour)

Computing

Research and publishing
Digital literacy basics
We are game developers

English

The features of the Sci-fi genre
Writing Sci-fi stories
Non-fiction research and writing
Space Poetry
Newspaper Reports



RE

Hinduism
Christianity

Geography

Using digital mapping technology
The Earth

Science

Earth and Space
Research Skills
Investigation Skills
Forces
Light

PE

Gymnastics Football
Hockey Tag Rugby

Music

Planet Raps
Composing and performing a piece of music inspired by Holst's Planet Suite and a focused planet study carried out in science.

French

School and classroom vocabulary
The planets

E4S: Education for Safeguarding

Worries
Empathy
Self Esteem and Wellbeing
Online Safety and Behaviours