

KEY STAGE 1

Spring Term

Moon Zoom



Reading:

Reading- understand the meaning of new words- create a space glossary link to alphabetical understanding. Read simple, non-chronological reports about topics of interest, noting key features of the genre (such as a clear title, subheadings, diagrams, illustrations with captions and topic-specific vocabulary). Write down key facts they have learned from reading the reports. Share space themed non – fiction books. Share favourite facts/pages with partner. Use sticky notes to label features of non – fiction book. Create a 'Did you know?' display, children contribute facts. Share a variety of non – chronological reports. Identify and list key features. Write a checklist of features to use in own writing.

Writing:

Letters - apply to space school

Punctuate questions and answers - children to pose questions to ask astronauts about their time in space and research answers to write sentences as a response to questions written.

Features of diaries - children to write diary as Chris Hadfield

Plan and write own non – chronological report about chosen space subject. Present report to class.

Make and write an engaging, star catcher advert.

Science

We will learn about the Earth's orbit in relation to the moon and sun. We will research the planets, learn the order of the planets in our solar system and know the differences between them. We will look at the properties of materials to and how heat/cold can change materials.

We will be investigating forces and light sources.

Key Vocabulary

Eclipse
Galaxy
Asteroid
Meteorite/meteoroid
Sun, Moon, Stars
Planet – Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
Satellite
Black hole
Comet
Constellation
Astronaut
Satellite
Gravity
Fiction /non-fiction
robot
rocket
zero-gravity

Humanities/History/Geography/RE/PSHE

The children will learn about the history of space travel, organising key events in chronological order to create a timeline. They will learn about the lives of astronauts.

The children will learn about planet Earth, looking at the continents on our planet and comparing our climates to the environment of different planets.

In RE we will be finding out about what makes some places significant? What makes some places sacred to believers?

The children will be taught to develop a sense of personal identity and self worth and to consider and respect the needs and views of others. They will learn about different groups and cultures within their community, and about the importance of not stereotyping people on the basis of difference.

Maths

Year 1

Calculations: addition and subtraction

Geometry: shapes and patterns.

Measurement: Length and Height

Number and place value: numbers to 40

Calculations: addition, subtraction and multiplication

Year 2

Statistics: picture graphs

Calculations: word problems.

Measurement: money

Geometry: properties of 2d and 3d shape

Fractions

The Arts/Music/DT

We will study the artist Peter Thorpe, along with Andy Warhol, Wassily Kandinsky and Georgia O'Keeffe. The children will use their understanding of different planets to make a Space Buggy that will safely transport Squirrel. We will test the suitability of the space buggies during an outdoor investigation to see if Squirrel can survive the treacherous space journey!

We will use our voices expressively and creatively by singing songs and speaking chants and rhymes. We will listen with concentration and understanding to a range of space musicians, including Constance Demby, Vangelis and Jean-Michel Jarre in order to create our own space music.

PE

We will be playing football and invasion games. In gymnastics we will develop fundamental movement skills and extending our agility, balance and coordination, individually and with others.

Computing:

Use search engines safely to find out facts about each of the planets in our solar system.

Use ICT to create space art..

Understand how to use technology safely and respectfully.