

An astronaut in a white spacesuit is floating in space, with the Earth's blue and white clouds visible in the background. The astronaut's helmet is prominent, reflecting light. The overall scene is set against the blackness of space with some distant stars.

As mathematicians we will:

- Explore the relative sizes of the Sun, Earth, Moon and other planets to create a scale model.
- Link our knowledge of night and day to our understanding of time.

As readers we will:

- Explore the meanings of new words.
- Retrieve, record and present information from non-fiction texts.

As writers we will:

- Write an explanation of day and night to present to a younger child in the school.
- Write a job application letter to the UK Space Agency for the position of astronaut.

As designers we will:

- Work collaboratively to design, make and evaluate a moon buggy using our own design criteria.

As artists we will:

- Explore the work of the artist, Peter Thorpe.
- Experiment with different media to create a piece of artwork in his style.

As ICT specialists we will:

- Recognise acceptable and unacceptable behaviour and know how to report our concerns.
- Use a range of software and devices to present and analyse data.

As global citizens we will:

- Develop our interest in world events and global issues.
- Consider the sense of responsibility for the environment in relation to space debris.
- Explore the relationship between humans and the environment, considering how different faiths believe it was created and why we should care about it today.

As SMART learners we will:

- Be motivated to complete the challenges in the Astronaut Training Programme.
- To continue to develop our resilience by working independently and resolving challenges using a variety of strategies.

As scientists we will:

- Describe the movement of the Earth and other planets relative to the Sun in the solar system.
- Describe the movement of the Moon relative to the Earth.
- Describe the shape of the Sun, Earth, Moon and other planets.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
- Explore the effects of gravity, air resistance and friction.

As historians we will:

- Place key people and events on to a timeline.
- Investigate the history of space exploration, considering the impact on our lives.

As geographers we will:

- Use maps, atlases, globes and digital computer mapping to locate the countries involved in the Space Race.

As linguists we will:

- Speak in sentences using basic language structures.
- Write simple sentences about our homes.
- Broaden our vocabulary through learning about weather and seasons.

As musicians we will:

- Study the music of Gustav Holst and the Planets.

As dancers we will:

- Use movement to explore and communicate ideas, feelings and thoughts.

Journey into Space