



SPACE EXPLORERS



The big idea

We know that when we look up at our sky we will see the Sun, the Moon and the stars. We take them for granted. But why are they there? What do they do? How do they affect the Earth? Astronomy, like all sciences, is about asking questions. By becoming space explorers, we can find out more about our solar system and the deeper mysteries of the universe.

In Science, we will be:

- Making a pinhole viewer to record the size of the Sun and the Moon
- Comparing the size of the planets and their distance from the Sun
- Finding out about the movements of the Earth, Sun and Moon and how they affect us
- Classifying rocks and comparing rocks on Earth with those on the Moon
- Finding out about how craters are formed and the forces that are involved
- Making a spectrometer to find out about light and what it contains
- Finding out about how light travels
- Creating a timeline to show the life cycle of a star
- Finding out more about the planets in our solar system

In History, we will be:

- Finding out about what people in the past used to think about the Earth, Sun and Moon
- Finding out about Galileo and his findings about the Earth, Sun and Moon
- Finding out about the constellations and the stories that they tell
- Making a timeline to show some of the important events in the history of astronomy and space

In Art, we will be:

- Finding out about nebulae and how we can capture their shape, colour and patterns in art
- Finding out about satellites and how we can create our own satellite images

In Technology, we will be:

- Finding out about the technology that is being used to explore Mars
- Designing and making our own vehicle to explore a planet's surface



In International, we will be:

- *Finding out about the International Space Station (ISS)*
- *Creating our own Voyager golden record to send into space*



MYTHS AND LEGENDS

In this unit the children are going to learn about myths and legends from around the world. They will look at myths from the host and home countries and think about why people used such stories to reflect on life at the time.

In History, we will be:

- Researching societies that are well-known for their myths and legends
- Comparing the host country to other societies
- Finding out about major events in the past

In Art, we will be:

- Finding out how artists use paintings and other methods to show myths and legends
- Looking closer at the art of Ancient Egypt
- Turning characters from myths and legends into comic book superheroes
- Producing our own piece of art to represent a story we have written

In Society, we will be:

- Finding out about traditions, celebrations and religious festivals which have been influenced by myths and legends from the past
- Considering how the behaviour of individuals and groups can be influenced by the moral messages of myths, legends and other stories
- Looking at how global brands use myths and legends to persuade people to buy their products

In International, we will be:

- Finding out how stories around the world are both the same and different
- Finding out how myths and legends have affected large areas of the world
- Researching stories from all the home countries of children in the class