

Science Unit 5: Out of this world



Key Vocabulary

Daytime
Geocentric
Heliocentric
Night-time
Orbit
Planet
Solar System
Star
Sun
Time zone

Useful Websites

[Moon](#)
[Solar System](#)

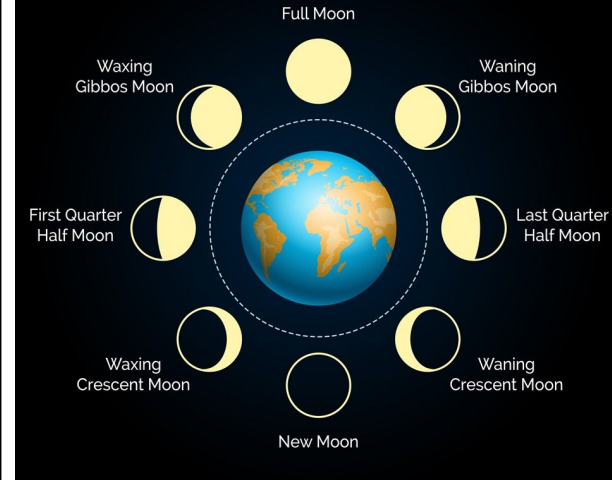
Overview

In this unit, children learn about space. Starting with the Solar System, they look next at how ideas about space have changed over time before they explore what causes us to experience night and day on Earth.

Key Points of Learning (RAG)

- To be able to name and describe planets in the Solar System in the correct order from the Sun.
- To use fruit to represent and describe the positions of the planets in the Solar System.
- To measure out the solar system, identifying and positioning each planet correctly.
- To know that planets are spheres and that planets orbit the Sun at different speeds.
- To name and describe planets and their movement around the sun.
- To know that Copernicus and Galileo changed people's ideas about how the planets move in the Solar System.
- To model and explain day and night.
- To know that the Moon orbits the Earth and both orbit the Sun
- To describe the changes in the Moon that they observe.

Phases of The Moon



Questions I want to Investigate now...