

# What I Need to Know: Y5 Science – Earth and Space

*We nurture the curiosity to learn, the courage to lead and the compassion to care.*

We are learning about the relationship between the Earth and the moon. By the end of this unit, you will know about the movement of the planets in the Solar System.



## Create, Communicate & Evaluate

- Contrast and compare a day in the life on Earth to that on other planets



## Question, Reason, Discuss & Explain

- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky
- Use scientific evidence to explain how we know that planets are approximately spherical bodies



## Know & Do

- Describe the movement of the moon relative to the Earth
- Identify all the known planets in the Solar system and know the order from the sun
- Describe the movement of the Earth and other planets, relative to the Sun in the solar system

## Vocabulary I need to know...

Sun, Moon, Earth, planets (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, Solar System, rotate, star, orbit

## Opportunities to support English and maths

- Skim and scan texts to retrieve information or quotes quickly and accurately
- Summarise main ideas from more than one paragraph
- Make and justify inferences with appropriate evidence from the text
- Provide reasoned justifications for their views, quoting evidence from across a text

## Curriculum Links and Enrichment Activities

- Space Dome visit