

EARTH AND SPACE



Physics

Year 5

National curriculum objective

- 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 Sun, Earth and Moon as approximately spherical bodies.
- Use the idea the Earth's rotation to explain day and night and the apparent movement across the sky.

Key Vocabulary (topic words must be spelt correctly throughout topic)

Earth	Sun	moon	axis
rotation	star	phases	constellation
orbit	planets	satellite	solar system
spherical	day/night	static	sky
ellipsis	shadows		

Substantive - Subject Knowledge Bigger Picture - Support words

Glossary of key terms you want to remember

spherical			
axis			
orbit			
satellite			
Questions to develop knowledge and understanding		Child	Teacher
What is our solar system made up of in terms of planets, moons and stars?			
How do we scientifically describe the shape of the Earth, Sun and moon?			
How do the Earth and other planets of the solar system move in relation to the Sun?			
How does the moon move in relation to the Earth?			
How can we make and record observations, over time, of the changing moon?			
How can we explain day and night, referring to the Earth's rotation on its axis?			