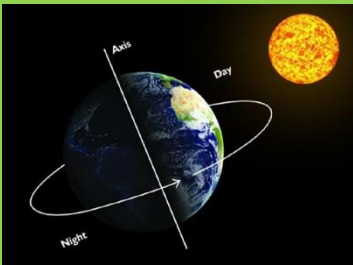


# Explore Curriculum

## Let's Remember

Describe how day length varies.



Recognise that light from the sun can be dangerous.



Year 4/5 Science

Cycle A

Spring Term 1

## I Need to Know...

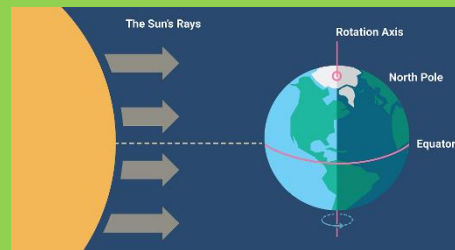
Describe the movement of the Earth and other planets relative to the sun in the solar system.



Describe the movement of the moon relative to the Earth.

Describe the sun, Earth and moon as approximately spherical bodies.

Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.



## Let's Explore

Look up at the night sky, what stars can you see?

Download an astrology app and learn about the star constellations.

Make your own space model.

# Remember-Know - Explore

## Glossary

**Sun** – a huge star that Earth and the other planets in our solar system orbit around.

**star** – a giant ball of gas held together by its own gravity.

**moon** – a natural satellite which orbits Earth or other planets.

**planet** – a large object, round or nearly round, that orbits a star.

**sphere** – a round 3D shape in the shape of a ball.

**spherical bodies** – astronomical objects shapes like spheres.

**satellite** – any object or body in space that orbits something else, for example: the Moon is a satellite of Earth.

**geocentric model** – the structure of the Solar System where the planets orbit around the Sun.

**heliocentric model** – the structure of the Solar System where the planets orbit around the Sun.

## With these skills you could be a...

Astronomer

Aerospace engineer

Astronaut

Plasma physicists