

Things I already know

- Know that there are four seasons in a year (Y1)
- Sun is a source of light, but the Moon is not. (Y3)
- Shadows are caused when an object blocks light from passing through it. (Y3)
- It is dangerous to look at the sun and we wear sunglasses for protection. (Y3)

Key Facts

- Planets in the solar system include Mercury, Venus, Earth, Mars, Saturn, Jupiter, Uranus and Neptune.
- Pluto is classed as a 'dwarf' planet, and scientists still debate if it is part of the solar system.
- Planets rotate around the sun.
- The sun is a fixed body of mass.
- The moon orbits the earth, meaning it cannot always be visible.
- Planets, moons and the sun are spherically shaped.
- The earth is on an axis and rotates around the sun, meaning that when that part of the earth faces the sun it is day and when it is not facing the sun it is night.

Key Vocabulary

Planets- Large natural objects that orbit, or travel around stars.

Orbit - The curved path of an object around a star, planet or moon.

Solar System- Consists of the Sun and everything that orbits, or travels around, the Sun.

Spherical - Shaped like a sphere.

Axis- An imaginary straight line passing through the centre of something.

Heliocentric - The Sun is at the centre of the Solar System , and the planets, including Earth, orbit around it.

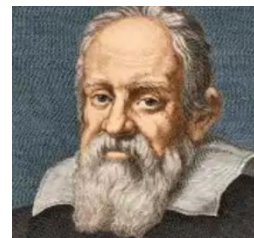
Questions I can answer

- What planets make up our solar system?
- Does the sun move or do the planets move?
- Why can't we see the moon all the time?
- What shape are the planets in our solar system?

Significant People



Nicolaus Copernicus



Galileo Galilei

FRUITS

Faith – Show a faith behind scientific evidence used to support theories and ideas.

Respect – Show respect for our planet and appreciate the efforts to create a sustainable planet.

Uniqueness – Appreciate the unique traits of Earth and other planets which allow us to make comparisons.