

### What have I previously learned?

- I can observe the changes across the four seasons.
- I can observe and describe weather associated with the seasons and how day length varies.

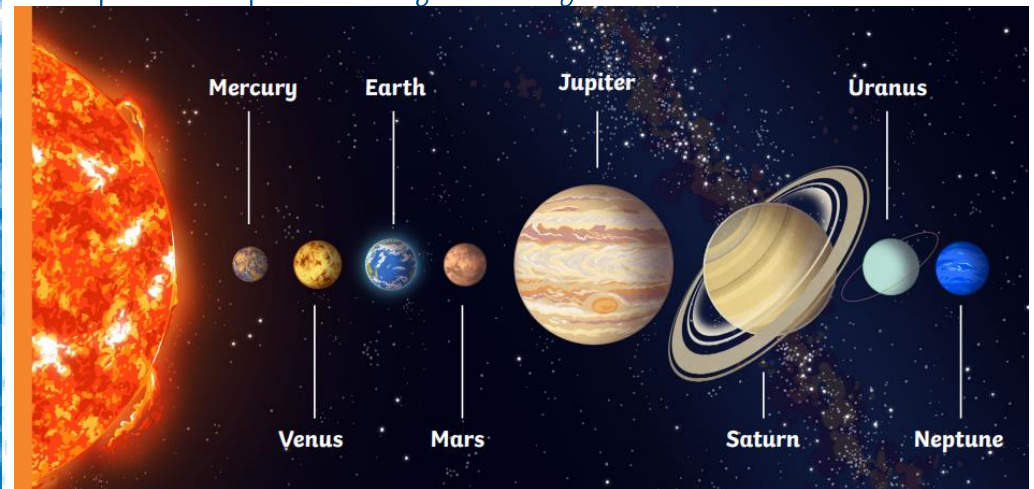
### Sticky Knowledge

- The sun is a star. It is at the centre of our solar system.
- There are 8 planets in our solar system- Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. These planets travel around the Sun in fixed orbits.
- The Earth takes 365.25 days to orbit the Sun. This is what we call a year.
- The earth rotates (spins) on its axis. As earth rotates, half faces the sun (here it is day) and half is facing away from the sun (here it is night). As the earth rotates the sun appears to move across the sky. It takes 24 hours for the Earth to rotate on its axis.
- The Moon orbits the Earth. It takes about 28 days to complete its orbit.
- The Moon has 8 phases. New Moon, Waxing Crescent, First Quarter, Waxing Gibbous, Full Moon, Waning Gibbous, Last Quarter and Waning Crescent.
- The Sun, Earth and Moon are approximately spherical.

### Vocabulary - Goldilocks words

Word	Definition
Orbit	An orbit is a repeating path that one celestial body takes around another.
Rotation	Rotation is when a shape is turned around a fixed point.
Spherical	Something spherical is like a sphere in being round, or more or less round, in three dimensions.
Axis	An imaginary line about which an object rotates
Star	A fixed luminous point in the night sky, which is a large, remote incandescent body like the sun.
Moon	A moon is defined to be a celestial body that makes an orbit around a planet.

### Prompts to help me in my learning



### Useful links

[Geocentrism: Why the world doesn't revolve around you | A-Z of ISMs Episode 7 - BBC Ideas - YouTube](#)

[The work of Nicolaus Copernicus | Primary Science - SciTube - YouTube](#)

[Galileo Galilei - in a nutshell - YouTube](#)