



Sticky knowledge mat Science-Space Year 5



Exciting Books



Subject Specific Vocabulary

Orbit	A repeating path that the same celestial body takes around one another.
Solar system	Made up of eight planets that orbit the sun. It is also made up of asteroids, moons and comets.
Planet	There are 8 planets in the solar system- Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto.
Rotation	Rotation is where the shape is turned around the point.
Spherical	Shaped like a sphere in being round.
Lunar	Lunar means resembling the moon.
Crescent moon	Less than half of the moon is lit up.
Gibbous moon	Three quarters of the moon is lit up.
Eclipse	When a celestial object is temporarily hidden.
Celestial bodies	Stars, comets, planets and galaxies.

Important facts to know by the end of the Earth and space topic

Know that the moon orbits the Earth every 28 days and the Earth orbits the sun every 365 days

Describe the Earth and Moon and the sun (including their sizes and the word spherical).

Know information about the specific planets.

Be able to use the idea of the Earth's rotation to explain day and night and that a rotation takes 24 hours.

Know about and explain the movement of the Moon relative to the Earth.

Prior Learning - Year 1

- Observe changes across the 4 seasons
- Observe and describe weather associated with the seasons and how day length varies.