

Year 5/6: Earth and Space Knowledge Mat

Subject Specific Vocabulary Dozen

orbit	An orbit is a repeating path that one celestial body takes around another.
Solar system	The solar system is made of eight planets that orbit around the sun
astronomical	Astronomy is the study of outer space including stars, planets, comets and galaxies
planet	There are eight planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
rotation	Rotation is when a shape is turned around a point.
spherical	round
crescent moon	A slither of the moon that is lit up and can be seen.
gibbous moon	A gibbous moon is any moon that appears more than half lighted but less than full.
eclipse	The partial or total blocking of light of one celestial object by another
lunar	The adjective lunar is used to describe something that is related to the moon.
gravity	the force which causes things to drop to the ground.
satellite	an object that moves around a larger object.

What I will know at the end of the unit:

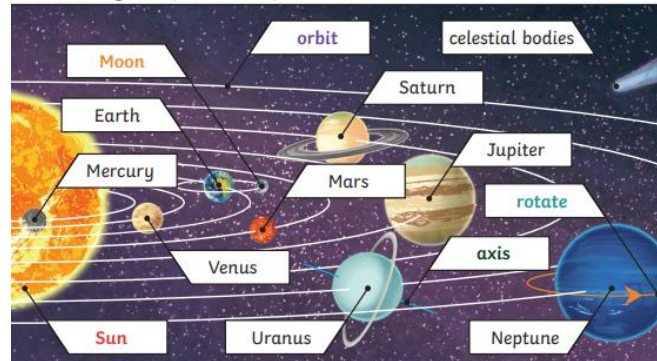
Know about and explain the movement of the Earth and other planets relative to the Sun.

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

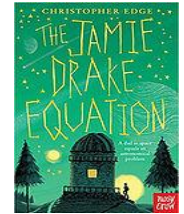
Know and demonstrate how night and day are created. Describe the Sun, Earth and Moon (using the term spherical).

There are eight planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune

Our Solar System (not to scale)



Exciting Books



Sticky Knowledge about Earth and Space?

- The Sun is a star. It is at the centre of our solar system.
- There are 8 planets (can choose to name them, but not essential). These travel around the Sun in fixed orbits.
- Earth takes 365½ days to complete its orbit around the Sun.
- The Earth rotates (spins) on its axis every 24 hours. As Earth rotates half faces the Sun (day) and half is facing away from the Sun (night). As the Earth rotates, the Sun appears to move across the sky.
- The Moon orbits the Earth. It takes about 28 days to complete its orbit.
- The Sun, Earth and Moon are approximately spherical.