

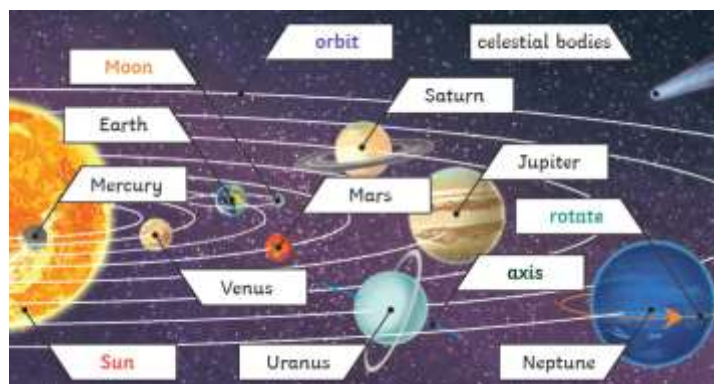
Year Group: 5

Subject Focus: Science

Term: Summer 2

Key facts

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system: the planets revolve/orbit around the Sun. It takes $365\frac{1}{4}$ days for the Earth to complete a full orbit.
- Describe the movement of the Moon relative to the Earth: the Moon revolves/orbits around the Sun. It takes about 27 days for the Moon to complete a full orbit.
- 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: the Earth rotates (spins) on an axis. It takes 24 hours for the Earth to complete a full rotation



Key words:

Earth	The planet on which we live: the world.
gravity	The force that attracts a body to the centre of the earth.
moon	A natural satellite which orbits Earth or other planets.
orbit	The curved path of a celestial object around a star, planet or moon.
planet	A large object, round or nearly round, that orbits a star.
rotates	To turn on an axis.
solar system	The collection of eight planets and their moons in orbit around the sun.
spherical	Shaped like a sphere.
star	A giant ball of gas held together by its own gravity.
sun	A huge star that Earth and other planets in our solar system orbit around.

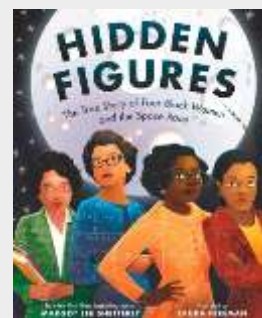
Did you know?

The Moon does not disappear, although it does seem to change its shape.

The Moon is not the reason, or part of the reason we have night and day.

The rotation of the Earth causes night and day and its orbit around the Sun gives us a $365\frac{1}{4}$ day year.

Exciting books/ web links:



Parents as partners:

Investigate these websites with your child;

https://www.esa.int/kids/en/learn/Our_Universe/Planets_and_moons/The_Solar_System_and_its_planets

<https://spaceplace.nasa.gov/menu/solar-system/>