

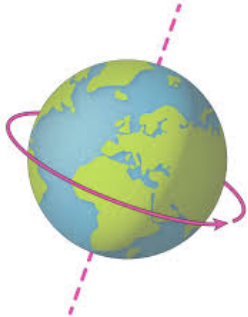


Science - Year 5

How do people working at NASA show generosity?



Vocabulary	Definition	Picture
planet	A planet is a large, spherical celestial body that orbits a star.	
orbit	An orbit is a regular, repeating curved path that an object follows around another object.	
moon	A moon is a natural satellite that orbits a planet. Earth's moon is called the Moon.	
sun	It is a star at the centre of our solar system and gives light and heat to all the planets in it. It also has a gravitational pull that keeps all the planets in orbit around it.	

atmosphere	Earth's atmosphere is a jacket of gases that surrounds our planet. It keeps us warm, gives us oxygen to breathe, and it is where our weather happens.	
rotation	Rotation is when something turns or spins around a point located at its center.	
Earth	Earth is the third planet from the Sun and the only planet known to support life.	
The Solar System	The Solar System is home to eight other planets and their moons. At the centre of the Solar System is a star: the Sun. It sends heat and light out to the far reaches of space and its gravitational pull keeps the Solar System in orbit around it.	



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star	An object in space made of luminous plasma (bright gas) held together by its own gravity	
spherical	A spherical object is sphere-shaped, like a ball.	

Sticky Knowledge:

To describe the movement of the Earth and other planets relative to the sun in the solar system.

- The planets in the solar system are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
- All the planets **orbit** the sun

To describe the movement of the moon relative to the Earth

- The moon **orbits** the Earth

To describe the sun, Earth and moon as approximately spherical bodies

- The Earth, Sun and Moon are round (approximately spherical).

To use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

- We have night and day because the Earth rotates in 24 hours.

