

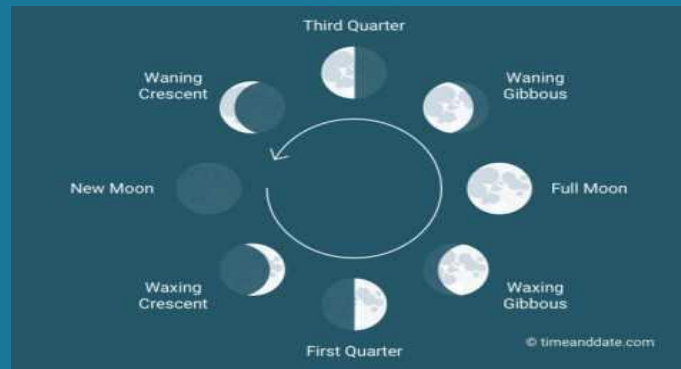
Key Vocabulary:

dwarf planet	A planetary mass that does not dominate its region of space.
Moon	A celestial body that orbits the Earth.
rotation	A circular movement of an object around a point.
revolution	A movement in a circle on a central axis.
spherical	Shaped like a sphere (round).
celestial body	Any natural body outside of the Earth's atmosphere.
atmosphere	The whole mass of air surrounding the Earth.
orbit	A path an object takes in space.
axis	A line on which something rotates.
Solar System	A system of planets that orbit the sun.
gravitational pull	It pulls objects towards each other.
Space Station	A large spacecraft in orbit around earth.
shuttle	A form of transport.

Diagrams/images



**Neil Armstrong-
First man to land
on the Moon.**



What I already know:

Days are longer in the summer than in the winter.

Shadows are formed when light is blocked.

Light from the sun is dangerous and there are ways to protect your eyes.

There are patterns in the way that the size of shadows change.

Gravity is what holds the planets in orbit around the sun and what keeps the moon in orbit with the Earth.

Key Facts:

The Earth takes 365 days to revolve around the Sun.

The other planets in the solar system have different orbits around the Sun.

The Earth takes 24 hours to rotate on its axis, which causes day and night.

The Moon takes 28 days to revolve around the Earth.

There are 4 phases of the Moon.

The Sun, Earth and Moon are approximately spherical.

The rotation of the Earth causes day and night.

The Sun does not move across the sky.

The Sun is a star in the centre of the Solar System.

Stars produce vast amounts of heat and light.

All other objects are lumps of rock, metal or ice and can be seen because they reflect the light of stars.

The Earth is bigger than the Moon but smaller than the Sun.



A mnemonic to remember the names of the planets:

My (Mercury) **Very** (Venus) **Excellent** (Earth) **Mother** (Mars) **Just** (Jupiter) **Served** (Saturn) **Up** (Uranus) **Noodles** (Neptune)