



Tier 3 Vocabulary

Planet	A celestial body that orbits a star, is round and has cleared smaller objects away from its orbit
Solar system:	A series of planets that orbit a star
Space	The universe beyond the Earth's atmosphere
Milky way	The galaxy that includes the solar system
Sun	The star at the center of our Solar System
Star	An astronomical body that produces its own energy
Moon	A natural satellite that moves around the Earth once each month.
Earth	The planet on which we live.
Spherical	Shaped like a sphere
Orbit	The path of a planet or moon around another celestial object
Rotate	To turn round and round like a wheel
Day	The time between sunrise and sunset
Night	The time between sunset and sunrise
Axis	An imaginary line through the middle of an object, around which that object spins.
Asteroid	An object in space that is smaller than a planet and orbits around a star
Crater	A large hole in the ground caused by something, such as a meteorite, falling on it.
Astronaut	Someone who travels in space

Key Facts

The order of the planets is	Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.
Daytime is when	you can see the sun from where you are, and its light and heat can reach you.
Nighttime is when	the sun is on the other side of the Earth from you, and its light and heat don't get to you.
The moon orbits	the Earth which is orbiting the sun
Craters are created by	pieces of "space junk" and asteroids crashing into the surface of the moon.
Major Tim Peake became the first British astronaut in space for .	over 20 years when he blasted off for the International Space Station on 15th December 2015

Working and thinking scientifically

We are being scientists by:

- Asking questions
- Planning enquiries
- Setting up enquiries
- Observe and measure

Diagrams

