

Nova's Galactic Guide: Journey Through Our Solar System

Strap into your starship! Join Nova the Owl as we explore the wonders of the cosmos.

- **The Sun is a star at the centre of our solar system. Earth and the other seven planets travel in a path called an orbit around it.**
- **Gravity is the invisible force that keeps our feet on the ground and prevents the planets from floating away from the Sun.**
- **The Earth completes one full rotation on its axis every 24 hours, which is exactly why we experience day and night.**
- **It takes the Earth approximately 365 days to complete one full revolution around the Sun, marking the passage of one calendar year.**
- **The Moon is a natural satellite that orbits the Earth; its gravitational pull is what causes the rising and falling of our ocean tides.**

Did you know? Did you know? The Sun is a colossal ball of burning gas that accounts for 99.8% of the total mass of our entire solar system! Without its gravitational pull, the planets would simply drift away into the dark, cold depths of space.

Key vocabulary: Orbit · Axis · Solar System · Gravity · Celestial · Revolution · Planet · Star