



YEAR 5

I can describe the movement of the Earth, and other planets, relative to the Sun in the solar system.

I can describe the movement of the Moon relative to the Earth.

I can describe the Sun, Earth and Moon as approximately spherical bodies.

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

KEY STAGE 3

I can understand Gravity force, weight = mass x gravitational field strength (g), on Earth $g=10$ N/kg, different on other planets and stars; gravity forces between Earth and Moon, and between Earth and Sun (qualitative only).

I can understand that our Sun as a star, other stars in our galaxy, other galaxies.

I can understand the seasons and the Earth's tilt, day length at different times of year, in different hemispheres.

I can understand the light year as a unit of astronomical distance.

