



St Bernadette's Catholic Primary School -Willow Class

Earth and Space

Gospel Value
Joy

What I should know already-

Explore the natural world around them. (Reception – Earth and space) Describe what they see, hear and feel whilst outside. (Reception – Earth and space) Observe changes across the four seasons. (Y1 - Seasonal changes) Observe and describe weather associated with the seasons and how day length varies. (Y1 - Seasonal changes)

Key Knowledge

- The Sun is a star. It is at the centre of our solar system.
- There are 8 planets. These travel around the Sun in fixed orbits.
- Earth takes 365¼ days to complete its orbit around the Sun.
- The Earth rotates (spins) on its axis every 24 hours.
- As Earth rotates half faces the Sun (day) and half is facing away from the Sun (night). As the Earth rotates, the Sun appears to move across the sky.
- The Moon orbits the Earth. It takes about 28 days to complete its orbit.
- The Sun, Earth and Moon are approximately spherical.

Key Vocabulary

Sun- the star round which the earth orbits.

Moon-the natural satellite of the earth, visible (chiefly at night) by reflected light from the sun.

Earth-the planet on which we live; the world.
planets (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune)- a celestial body moving in an elliptical orbit round a star.

spherical-shaped like a sphere

solar system- the collection of eight planets and their moons in orbit round the sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.

rotate-move or cause to move in a circle round an axis or centre.

star- a fixed luminous point in the night sky which is a large, remote incandescent body like the sun.

orbit-the curved path of a celestial object or spacecraft round a star, planet, or moon, especially a periodic elliptical revolution.

