



Eden Park Primary School Knowledge Organiser



Prior Knowledge

(From year 1)

- I can recognise features of day and night, including temperature.
- I recognise the sun is a source of light.
- I can recognise a shadow (observe and describe).

The Powerful Knowledge we will take away from this science topic:

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Describe the movement of the Moon relative to the Earth.
- Describe the Sun, Earth and Moon as approximately spherical bodies.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Word	Meaning
Earth	Our planet
Sun	A star at the centre of our solar system
Planets (of our solar system)	Mercury, Venus, Earth, Jupiter, Saturn, Uranus
Moon	Large body of rock orbiting Earth.
Solar System	The sun and its 8 planets
Rotation/spin	The way Earth moves
Axis	The point Earth spins around
Phases of moon	How much is lit up that we can see
Orbit	The path a planet takes around the sun
Elliptical	The shape of orbit
Comets	Lumps of ice, dust or rock orbiting the sun.

Investigation

Using bright lamps and a ball – phases of moon can be demonstrated.

Creating constellations in card with pinpricks.

Using fruit to model the solar system

Working scientifically

Research using secondary resources.