



St Leo's and Southmead  
Catholic Nursery and Primary  
School

Year  
Two

## Science Knowledge Organiser

Spring  
Term

### Amazing Activities

- To watch NASA live
- To conduct an Investigation in the style of a famous scientist explored.
- To visit the Planetarium in the World Museum Liverpool

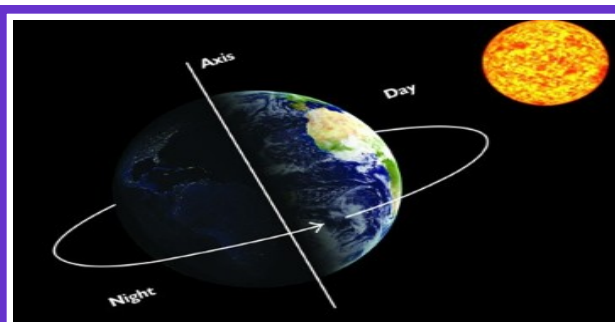
### Key Concepts

- The planet we live on is called Earth.
- Earth rotates around the sun.
- Galileo Galilei discovered that the Earth orbits the sun.
- The moon rotates around Earth.
- Day/Night occur as the result of the rotation of the Earth around the sun.
- The Solar System is a group of planets and moons that travel around the Sun.
- Name all of the planets in our solar system: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto



### Skills

- To perform simple investigations
- To observe closely using simple equipment
- To gather and record information to help answer questions posed
- To use first hand experiences to answer questions.



### Key Vocabulary

Key Vocabulary	Definition
<b>Atmosphere</b>	The layer of gas that surrounds Earth.
<b>Astronaut</b>	A person who is trained to travel in space.
<b>Astronomy</b>	Astronomy is one of the oldest sciences in the world. The study of astronomy involves all of the objects outside Earth's atmosphere
<b>Axis</b>	An imaginary line which the Earth rotates
<b>Earth</b>	Earth is the third planet of the solar system orbiting the sun.
<b>Moon</b>	A natural satellite which orbits Earth or other planets
<b>Planet</b>	A large object, round or nearly round that orbits a star
<b>Sphere</b>	A round 3D shape in the shape of a ball
<b>Solar System</b>	The solar system consists of the sun and everything that orbits, or travels around, the sun
<b>Star</b>	A giant ball of gas held together by its own gravity
<b>Sun</b>	A huge star that Earth and other planets in our solar system orbit

### Curriculum Links

- **Literacy Link:** Opportunities for the children to use books and websites to research space discovery.
- **History Link:** Opportunities for the children to research the first humans to visit space and walk on the moon.