

Golden Concepts

Asking scientific questions

Planning an investigation

Collecting, presenting and interpreting data

Errors and uncertainty

Science in our world

Key Vocabulary

Axis	A line that runs through an object separating the two sides of a symmetrical shape
Moon	A moon orbits a planet, some planets have more than one moon
Orbit	The path that an object takes around another object in space.
Space Exploration	Investigation beyond the Earth's atmosphere, this can be by people or robots
Mars Rover	A remote controlled robot that is used to explore the surface of Mars
Constellations	A group of stars forming a recognisable pattern
Stars	A massive luminous ball in space which produces energy
1969	The year the first men landed on the moon
Rain gauge	The equipment used to measure the amount of rain fall
Hibernation	A time where animal become less active in order to survive winter

Space and Seasons KS2 Knowledge Organiser

Earth's Tilt and Seasons:

- Understanding that the Earth's tilt on its axis is responsible for the changing seasons.

Seasonal Observations:

- Making detailed observations of seasonal changes and their impact on the environment.

Earth, Sun, and Moon Relationships:

- Exploring the relationships between the Earth, Sun, and Moon.
- Understanding concepts such as orbit, rotation, and revolution.

Solar System Exploration:

- Further exploration of the solar system, including the characteristics of different planets.
- Introduction to space exploration and significant events in the history of space science.

Constellations and Stars:

- Introduction to constellations and basic stargazing.
- Understanding that stars are distant suns and that constellations are patterns of stars.

