

Golden Concepts

Asking scientific questions

Planning an investigation

Collecting, presenting and interpreting data

Errors and uncertainty

Science in our world

Key Vocabulary

Solar system	The Solar system is made up of the sun and everything that orbits it
Earth	Our planet, the third planet from the sun, the planet we live on
Day time	The part of the day our planet faces the sun
Night time	The part of the day our planet faces away from the sun (in the shade)
Rotation	To turn all the way around, one rotation of Earth takes 24 hours, we call this a day
Sun	The sun is the star at the centre of our solar system
Spring	The season where the weather warms up and we start to see flowers blooming.
Summer	The hottest season of the year, we have long days and short nights
Autumn	The weather turns from warm to cold and we see the leaves turn brown and fall from the trees
Winter	The coldest season of the year, the days are shorter and the nights are longer

Space and Seasons KS1 Knowledge Organiser

**Introduction to the Solar System:**

- Students are introduced to the basic components of the solar system, including the Sun, planets, moons, and stars.

**Day and Night:**

- Understanding the concept of day and night, and the Earth's rotation on its axis.
- Basic observations of the changing position of the Sun in the sky

**Introduction to Seasons:**

- Basic awareness of the four seasons: spring, summer, autumn, and winter.
- Identifying seasonal changes in the environment, such as changes in weather and the appearance of plants.

**Seasonal Patterns:**

- Observing patterns related to the changing seasons, such as the length of daylight and temperature variations.

