

Understanding Our Solar System

Chapter 4: Our Solar System · Topic 1

Key Concept

The Sun is a big, bright ball of light in the sky. It gives us light and heat during the day. Without the Sun, we would not have day or warmth, and plants could not grow.

The Earth is the planet we live on. It looks blue and green from space because of oceans and land. The Moon travels around the Earth and shines at night by reflecting the Sun's light.

When our side of the Earth faces the Sun, it is day. When it turns away from the Sun, it becomes night. This happens every day because the Earth keeps spinning slowly, though we cannot feel it moving.

Stars are also bright objects far away in space that twinkle at night. The Sun is actually a star too, just much closer to us than all the other stars we see twinkling.

Quick Revision Notes

- The Sun gives us light and heat.
- Earth is the planet we live on.
- The Moon shines at night.
- Day happens when our side faces the Sun.
- Night happens when our side faces away from the Sun.
- Stars twinkle in the night sky.
- The Sun is actually a star, closer to us than other stars.
- The Earth keeps spinning slowly, causing day and night.
- Plants need the Sun's light to grow.
- The Moon does not make its own light; it reflects the Sun's light.

Practice Questions

- 1 Draw the Sun, Earth and Moon in your notebook.
- 2 Tell your friend one thing the Sun gives us.
- 3 Look at the sky tonight and count how many stars you can see.
- 4 Say aloud: is it day or night right now, and why?
- 5 Explain why plants need sunlight to grow.
- 6 Discuss why the Moon does not make its own light.