

Day and Night

Chapter 13: Day and Night · Topic 1

Key Concept

The Earth rotates on its axis once every 24 hours, causing the part facing the sun to experience day and the part facing away to experience night.

As the Earth continues to rotate, different regions gradually move into daylight or darkness, creating a cycle of day and night.

This rotation also causes the sun to appear to rise in the east and set in the west, though it is actually the Earth that is moving.

Understanding day and night helps us understand basic concepts of Earth's movement and how it affects our daily lives.

Quick Revision Notes

- Earth rotates on its axis every 24 hours.
- Facing sun = day; facing away = night.
- Rotation creates day-night cycle.
- Regions move gradually into light/darkness.
- Sun appears to rise in east, set in west.
- Actually, Earth is moving, not the sun.
- This is Earth's rotation effect.
- Understanding this explains our daily cycle.

Practice Questions

- 1 Discuss why we experience day and night.
- 2 Draw a diagram showing Earth's rotation.
- 3 Discuss why the sun appears to rise in the east.
- 4 Research how long Earth takes to rotate once.
- 5 Discuss how day and night affect your daily routine.
- 6 Explain Earth's rotation in your own words.