

Our World - The Earth as a Planet

Chapter 1: Our World - The Earth as a Planet · Topic 1

Key Concept

Earth is the third planet from the Sun, positioned at a distance that allows liquid water to exist, essential for life.

Earth's atmosphere contains oxygen and protects us from harmful solar radiation, unlike most other planets in our solar system.

Earth's structure includes a solid crust, a mantle, and a core, each layer having different composition and characteristics.

Understanding Earth as a planet helps us appreciate the unique conditions that make it hospitable for life compared to other planets.

Quick Revision Notes

- Earth is the third planet from the Sun.
- Its distance allows liquid water to exist.
- Earth's atmosphere contains oxygen.
- The atmosphere protects from solar radiation.
- Earth has a crust, mantle and core.
- Each layer has different composition.
- These conditions make Earth hospitable for life.
- This is unique compared to other planets.

Practice Questions

- 1 Research Earth's position in the solar system.
- 2 Discuss why liquid water is important for life.
- 3 Draw Earth's internal layers.
- 4 Explain why Earth's atmosphere is important.
- 5 Compare Earth to another planet.
- 6 Discuss what makes Earth unique.