

Air

Chapter 9: Air · Topic 1

Key Concept

Air is mainly made of nitrogen (about 78%) and oxygen (about 21%), with small amounts of carbon dioxide and other gases.

Living things need oxygen from air to breathe, while plants use carbon dioxide from air for photosynthesis.

Air has weight and takes up space, and moving air is what we feel as wind, which can be gentle or strong.

Air pollution from smoke, dust, and vehicle emissions can harm our health and the environment, so keeping air clean is important.

Quick Revision Notes

- Air: ~78% nitrogen, ~21% oxygen.
- Small amounts of CO₂, other gases too.
- Living things breathe oxygen from air.
- Plants use CO₂ for photosynthesis.
- Air has weight, takes up space.
- Moving air is wind.
- Air pollution comes from smoke, dust, vehicles.
- Clean air is important for health.

Practice Questions

- 1 List the main gases found in air.
- 2 Discuss why oxygen is important for us.
- 3 Discuss why carbon dioxide is important for plants.
- 4 Explain what causes wind.
- 5 List two sources of air pollution.
- 6 Discuss two ways to keep air clean.