

Pollution

Chapter 8: Pollution · Topic 1

Key Concept

Air pollution results from vehicle emissions, industrial processes, and burning fossil fuels, causing respiratory diseases and climate change.

Water pollution comes from industrial waste, sewage, and agricultural runoff, harming aquatic ecosystems and human health.

Soil pollution results from pesticides, industrial waste, and improper disposal, affecting food safety and ecosystem health.

Reducing pollution requires cleaner technologies, proper waste management, and individual actions like reducing, reusing, and recycling.

Quick Revision Notes

- Air pollution: vehicles, industry, fossil fuels.
- Causes respiratory disease, climate change.
- Water pollution: industrial waste, sewage.
- Harms aquatic ecosystems, health.
- Soil pollution: pesticides, waste.
- Affects food safety, ecosystems.
- Reduction: cleaner tech, waste management.
- Also reduce, reuse, recycle individually.

Practice Questions

- 1 Discuss the main causes of air pollution.
- 2 Research water pollution's effect on marine life.
- 3 Discuss soil pollution's effect on food safety.
- 4 List three ways to reduce pollution.
- 5 Discuss the reduce-reuse-recycle principle.
- 6 Explain one type of pollution in your own words.