

Water

Chapter 13: Water · Topic 1

Key Concept

Water exists as a solid (ice), liquid (water), and gas (water vapour), changing between these states with temperature changes.

The water cycle involves evaporation (water turning to vapour), condensation (vapour forming clouds), and precipitation (rain or snow falling).

Water is essential for drinking, agriculture, and supporting all living things, making it one of Earth's most vital resources.

Water conservation and avoiding pollution are important to ensure clean water remains available for all living things.

Quick Revision Notes

- Water exists as solid, liquid and gas.
- Ice is solid; water vapour is gas.
- The water cycle has evaporation, condensation, precipitation.
- Evaporation turns water to vapour.
- Condensation forms clouds from vapour.
- Precipitation is rain or snow falling.
- Water is essential for life and agriculture.
- Conservation and avoiding pollution keep water clean.

Practice Questions

- 1 Draw the water cycle with labels.
- 2 Discuss the three states of water.
- 3 Explain evaporation in your own words.
- 4 Discuss why water conservation matters.
- 5 Research a cause of water pollution.
- 6 Explain how rain forms.