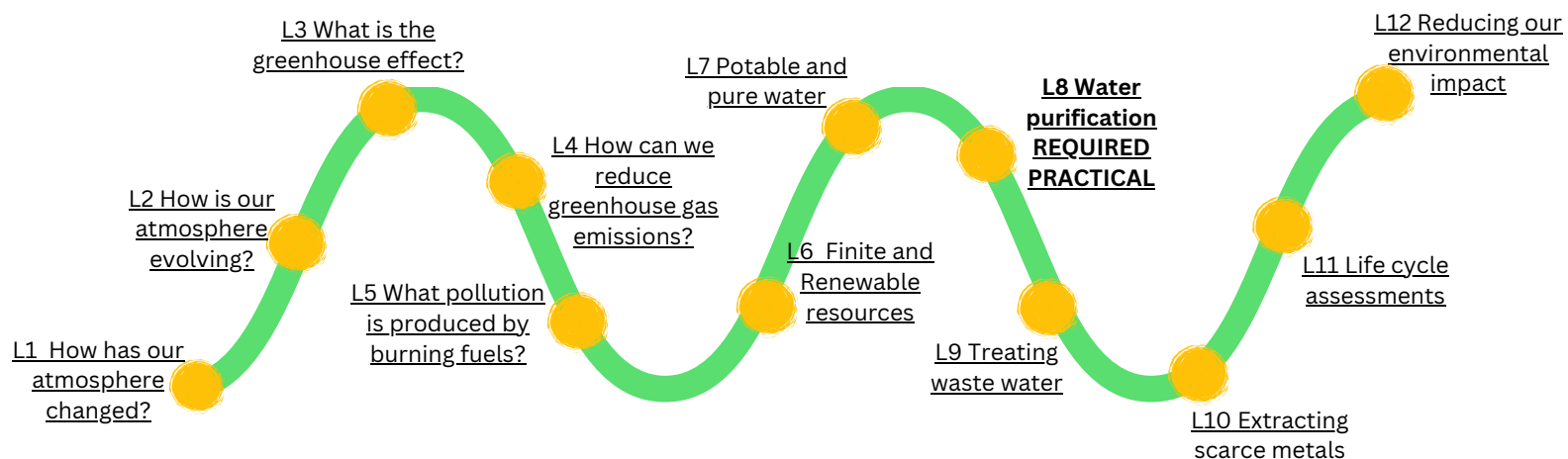


C9 Chemistry of the Atmosphere & C10

Using Resources Combined Chemistry Paper 2

In this unit, you'll study the Earth's atmospheric composition and how it has changed over time, including the impact of human activity and climate change. You'll explore pollutants like carbon monoxide and sulfur dioxide, their effects on health and the environment, and ways to reduce carbon footprints. The unit also covers sustainable use of natural resources, material extraction, water purification, recycling, and life cycle assessments.



Key words

- atmosphere
- carbon capture and storage
- carbon footprint
- global dimming
- incomplete combustion
- nitrogen oxides
- particulate
- rusting
- sacrificial protection
- alloy
- galvanised
- carbon dioxide
- methane
- acid rain
- bioleaching
- blast furnace
- life cycle assessment (LCA)
- non-renewable
- thermal decomposition
- neutralisation
- phytomining
- polymer

Revision Resources

C9 Chemistry of the atmosphere

[Sample exam style questions](#)

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C10 Using Resources

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[Water purification Required Practical](#)