

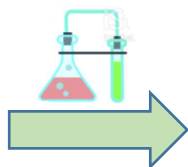
Learning Journey

Where am I now? Where am I going next? This information shows the journey that you will follow through the GCSE Chemistry course. Along the way, practical skills (C7) will be integrated into the course, and a number of checkpoint assessments will take place.

**C1 Particles:**

Year 10, term 1.

- The particle model
- Atomic structure



**C2 Elements, compounds and mixtures:**

Year 10, term 1.

- Purity and separating mixtures
- Bonding
- Properties of materials

Checkpoint – Atomic Structure and Bonding (Result:\_\_\_\_)



**C4 Predicting and identifying reactions and products:**

Year 10, term 3.

- Predicting chemical reactions
- Identifying the products of chemical reactions

Checkpoint – Periodic table and identification (Result:\_\_\_\_)

Year 10 Exam Result:\_\_\_\_



**C3 Chemical reactions:**

Year 10, term 2.

- Introducing chemical reactions
- Energetics

Checkpoint – Moles and Energy (Result:\_\_\_\_)

Types of chemical reaction  
Checkpoint – Acids (Result:\_\_\_\_)

- Electrolysis

Checkpoint – Electrolysis and redox (Result:\_\_\_\_)



**C5 Monitoring and controlling chemical reactions:**

Year 11, term 1.

- Monitoring chemical reactions

Checkpoint – Quantitative chemistry (Result:\_\_\_\_)

- Controlling reactions
- Equilibria

Checkpoint – Rates and Equilibria (Result:\_\_\_\_)



**C6 Global challenges:**

Year 11, term 2.

- Improving processes and products

Checkpoint – Metals and materials (Result:\_\_\_\_)

- Organic chemistry
- Interpreting and interacting with Earth systems

Year 11 Mock Exam result:\_\_\_\_