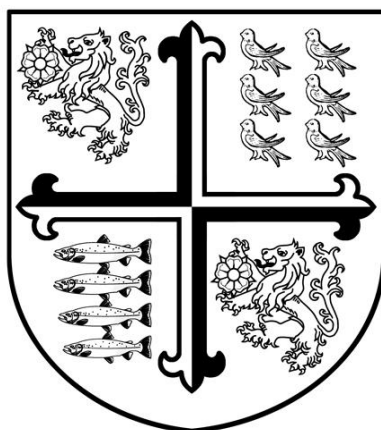




A Level Chemistry Exam Preparation

Exam Board: AQA

Specification: 7405

<https://www.aqa.org.uk/subjects/chemistry/a-level/chemistry-7405/specification>

Contact details:

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A LEVEL CHEMISTRY

CURRICULUM MAP



YEAR
13

DEEPENING
UNDERSTANDING

COURSE OVERVIEW

Year 13 builds on the strong foundations of Year 12, developing deeper chemical understanding, advanced practical skills and synoptic thinking to succeed in your A-Level examinations and beyond.



AUTUMN TERM

- 3.1.12** Acids and Bases **RP9**
- 3.2.4** Period 3 Elements
- 3.1.11** Electrochemistry **RP8**
- 3.3.7** Nomenclature and Isomerism
- 3.3.8** Aldehydes and Ketones
- 3.3.9** Carboxylic Acids and Derivatives **RP10a** **RP10b**
- 3.3.15** NMR Spectroscopy
- 3.3.16** Chromatography **RP12**

EARLIEST ASSESSMENT DATES

- 02 Nov 26** – Acids & Bases / Nomenclature & Isomerism
- 04 Jan 27** – Electrochemistry / Period 3 Elements / NMR / Chromatography



SPRING TERM

- 3.2.5** Transition Metals
- 3.2.6** Aqueous Ions **RP11**
- 3.3.10** Aromatic Chemistry
- 3.3.11** Amines
- 3.3.12** Polymers
- 3.3.13** Amino Acids and Biochemistry
- 3.3.14** Organic Synthesis

EARLIEST ASSESSMENT DATES

- 15 Mar 27** – Transition Metals / Aromatic Chemistry / Amines / Polymers / Biochemistry
- 12 Apr 27** – Aqueous Ions / Organic Synthesis



SUMMER TERM



REVISION FOR SUMMER EXAMINATIONS

- ✓ Complete revision of all Year 13 topics
- ✓ Synoptic chemistry and problem solving
- ✓ Practical skills consolidation
- ✓ Past paper practice and exam technique
- ✓ Preparing for success in the summer exams

ASSESSMENT WINDOW



Summer 2027 – A-Level Examinations (End of Year 13)



READY FOR
THE FUTURE!



REQUIRED PRACTICALS

- RP8** Electrochemical Cells
- RP9** pH Curves and Titrations
- RP10a** Preparation of Organic Solids
- RP10b** Recrystallisation and Purification
- RP11** Tests for Inorganic Ions
- RP12** Chromatography



SKILLS YOU WILL DEVELOP

- Synoptic problem solving
- Organic synthesis planning
- Advanced practical techniques
- Data analysis and evaluation
- Spectroscopy interpretation
- Extended-response exam technique



PREPARING FOR SUCCESS

- ✓ Complete all set homework and wider reading
- ✓ Practise exam-style questions regularly
- ✓ Develop strong practical and maths skills
- ✓ Use feedback to improve your understanding
- ✓ Be curious, ask questions, think like a chemist!



SPECIFICATION LINK

View the AQA A Level Chemistry specification using the link below:

<https://tinyurl.com/47yyd9mf>



HARD WORK



DISCIPLINE



SMART APPEARANCE



RESPECT

INSPIRE • CHALLENGE • ACHIEVE