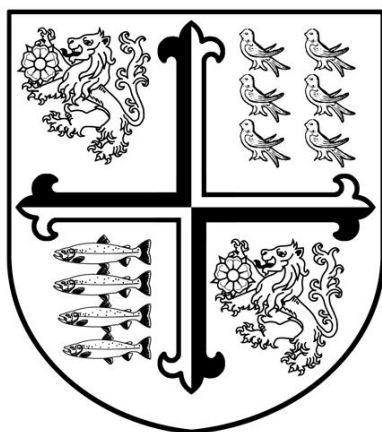




A Level Chemistry Exam Preparation

Exam Board: AQA

Specification: 7405

Chemistry AS and A-level Specification

Contact details:

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BOURNEMOUTH
SCHOOL

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