

A level Chemistry

Mrs Lunt/Miss
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Why study Chemistry at Altrincham College?

- Small Class sizes
 - One to one tuition available
- Chemistry involves and develops many skills (problem solving, team work, maths, independent thinking)
- EXPLAINS the many reactions you learned about at GCSE

There are a range of career paths you can go into including: **zoology, engineering, law, medicine, oil, pharmaceutical science** and many more. Studying Chemistry also enables you to develop **crucial employability skills** including **researching, problem solving and analysing**



Assessments

Paper 1	+	Paper 2	+	Paper 3
What's assessed <ul style="list-style-type: none">• Relevant Physical chemistry topics (sections 3.1.1 to 3.1.4, 3.1.6 to 3.1.8 and 3.1.10 to 3.1.12)• Inorganic chemistry (Section 3.2)• Relevant practical skills		What's assessed <ul style="list-style-type: none">• Relevant Physical chemistry topics (sections 3.1.2 to 3.1.6 and 3.1.9)• Organic chemistry (Section 3.3)• Relevant practical skills		What's assessed <ul style="list-style-type: none">• Any content• Any practical skills
How it's assessed <ul style="list-style-type: none">• written exam: 2 hours• 105 marks• 35% of A-level		How it's assessed <ul style="list-style-type: none">• written exam: 2 hours• 105 marks• 35% of A-level		How it's assessed <ul style="list-style-type: none">• written exam: 2 hours• 90 marks• 30% of A-level
Questions <p>105 marks of short and long answer questions</p>		Questions <p>105 marks of short and long answer questions</p>		Questions <p>40 marks of questions on practical techniques and data analysis</p> <p>20 marks of questions testing across the specification</p> <p>30 marks of multiple choice questions</p>



AQA A level Chemistry

Specification code 7405

Physical chemistry- Atomic structure, calculations involving moles, bonding, energetics, kinetics, equilibria, oxidation and reduction.

Inorganic chemistry- Periodicity, group 2, group 7, transition metals.

Organic chemistry- Study of the many covalent compounds of carbon, including alkanes, halogenoalkanes, alkenes, alcohols, organic analysis.



Skills development

- **Maths:** 20% of the marks in exams will require the use of maths skills.
- **Core practical procedures:** 15% of exam questions relate to practical work, including the core practical procedures.



Any
Questions??

Thank you for listening and I look forward to seeing you in September 😊

