



HEADLANDS SCHOOL
SINCE 1965

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Chemistry

What will I learn?
<p><u>Exam Board: AQA</u></p> <p><u>Year one</u></p> <ul style="list-style-type: none">Physical Chemistry 1 - Atoms, Bonding , KineticsInorganic Chemistry 1 - Periodicity, HalogensOrganic Chemistry 1 - Alkanes, Alkenes, Alcohols, Testing <p><u>Year two</u></p> <ul style="list-style-type: none">Physical Chemistry 2 - Thermodynamics, EquilibriaInorganic Chemistry 2 - Transition metals, Inorganic compoundsOrganic Chemistry 2 - Aromatic Chemistry, Organic Synthesis, More testing
How will I be assessed?
<p><u>Paper 1</u> Physical chemistry topics from across both years Inorganic chemistry Relevant practical skills Written exam: 2 hours • 105 marks • 35% of A-level</p> <p><u>Paper 2</u> Physical chemistry topics from across both years Organic chemistry Relevant practical skills Written exam: 2 hours • 105 marks • 35% of A-level</p> <p><u>Paper 3</u> Any content Any practical skills Written exam: 2 hours • 90 marks • 30% of A-level</p>

:PRIDE :ASPIRE :RESPECT



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Is there anything else I need to know?

Candidates must have achieved a grade 6 in Combined Science or a 5 in Biology to be accepted onto this course, as without this level of prior attainment, the student would not make the grade at A Level.

GCSE Maths grade 6 would be an advantage as there are calculations and rearrangement of equations to perform.

Future Opportunities?

With a chemistry qualification you have a wide range of career options as chemistry underpins everything in our modern life-style. These options may range from medicine, pharmacy and veterinary science to finance, law, the media, engineering, forensic science and art restoration. You could discover a new life saving drug or help solve an environmental problem.

Degree level qualifications in Chemistry, Chemical Engineering, Pharmacy, Medicine, Veterinary Science, Forensic Science etc.