



HEADLANDS SCHOOL
SINCE 1965

Headlands School,
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East Yorkshire, YO16 6UR
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Headteacher: Mrs Sarah Bone

A Level Chemistry

Course Title: A Level Chemistry	LARS/QAN Code: 60157318
Level: Three	Awarding Organisation: AQA
Delivery: Classroom based	Start Date: 8/9/2020
Location: Headlands School	Url: http://www.headlandsschool.co.uk/
Cost: Covered by EFA funding	Duration: 2 years
Full-time or Part-time: Full-time	Attendance: Daytime
Who is the course for:	
Candidates must have achieved a grade 6 in Combined Science or a 6 in Chemistry 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.	
Entry requirements:	
Typical grades needed 5 x GCSE grade 5 and above, including a grade 5/6 in the chosen subject.	
What you'll learn:	
<u>Year one</u>	
<ul style="list-style-type: none"> • Physical Chemistry 1 - Atoms, Bonding , Kinetics • Inorganic Chemistry 1 - Periodicity, Halogens • Organic Chemistry 1 - Alkanes, Alkenes, Alcohols, Testing 	
<u>Year two</u>	
<ul style="list-style-type: none"> • Physical Chemistry 2 - Thermodynamics, Equilibria • Inorganic Chemistry 2 - Transition metals, Inorganic compounds • Organic Chemistry 2 - Aromatic Chemistry, Organic Synthesis, More testing 	
How you'll learn:	
Lessons to introduce topics or show how they progress from GCSE. Practice questions and examples and lots of practicals to help embed understanding of tests and reactions. Homework packs to further practice exam questions and help revise for assessments	

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What you need to bring:

A folder and organisers to organise notes and a scientific calculator.

How you'll be assessed:**Paper 1**

Physical chemistry topics from across both years

Inorganic chemistry

Relevant practical skills

Written exam: 2 hours • 105 marks • 35% of A-level

Paper 2

Physical chemistry topics from across both years

Organic chemistry

Relevant practical skills

Written exam: 2 hours • 105 marks • 35% of A-level

Paper 3

Any content

Any practical skills

Written exam: 2 hours • 90 marks • 30% of A-level

Where next:

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.