



A-level Chemistry

There are three major areas of Chemistry: Physical, Inorganic and Organic. Overarching these is the practical aspect of Chemistry. The Chemistry department is at the forefront of bringing a wide variety of teaching and learning styles into the learning experience. On average, one double lesson per week is devoted to practical work. The theory lessons might involve some traditional teacher-led learning and note-taking but could just as likely involve some internet activity or group work. Independent and inter-dependent learning is encouraged. Chemistry is one of the most popular subjects in the school and we usually have over **80** Lower Sixth students.

The Royal Society of Chemistry organises the Chemistry Olympiad and a number of students from LRGS prepare for and take part in the competition each year.

We have had a number of successful visits from speakers from universities and elsewhere. Recent topics have included 'Atmospheric Chemistry' and 'The Chemistry of Smell'.

What can Chemistry lead to?

Chemistry and chemical engineering are traditional career routes but others find their way into: medicine, veterinary science, biochemistry, biology, microbiology, ecology, pharmacy, pharmacology, oceanography, biotechnology, materials science, metallurgy, engineering, agriculture.

These are all probably fairly obvious but did you know that there is a surprisingly high correlation between Chemistry and Accountancy?

Exam board: AQA

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Lancaster Royal
Grammar School

State Day and Boarding School for Boys Aged 11 to 18
Coeducational Sixth Form



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