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| **Bullers Wood School****Sixth Form*****Be part of our success story***  |  |

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**Chemistry A Level (OCR Chemistry A Specification)**

**Why study this subject?**

The study of Chemistry is essential to a wide variety of careers. Chemists work within the petroleum, pharmaceutical and food industries. Medicine, dentistry and veterinary sciences demand Chemistry as part of their course requirement. It is a useful qualification which develops communication, problem solving and logical thinking skills. Biology, Physics, Mathematics and Geography are subjects which team up well with Chemistry.

**Entry Requirements**

Students need to gain five A\*-C grade GCSEs including English Language grade 4, plus grade 5 in Mathematics, plus two B grades in Science subjects, a B grade in Chemistry is required if Triple Science has been studied. A grade 5 in English Language is preferred.

**Content**

Module 1 – Development of practical skills in Chemistry

Module 2 – Foundations in Chemistry

Module 3 – Periodic table and energy

Module 4 – Core organic chemistry

Module 5 – Physical chemistry and transition elements

Module 6 – Organic chemistry and analysis

**Assessment**

Students sit three examination papers of varying lengths and have to produce evidence of practical skills attained during the course through the practical endorsement.

**Future courses and possible careers**

A qualification in this subject is highly valued and will help you to gain a place at a respected university. However, if you decide not to pursue a career in Chemistry, you will still have completed a course which will open up numerous other possibilities ranging from accountancy to management. You are never going to limit your options by choosing Chemistry.