

## A level Subject Information

**Subject: Chemistry**

### **What the subject is about:**

A/S Chemistry aims to develop and demonstrate a deeper appreciation of the skills, knowledge and understanding of how Chemistry works. Students will gain an appreciation of how society makes decisions about scientific issues and how chemistry contributes to the success of the economy and society. Students will develop essential knowledge and understanding of the different areas outlined below and how they relate to each other.

### **Course content and assessment schedule:**

Paper	Duration	Season when first taken	Brief outline of main content.
1	1hour 30 minutes	January and June Yr. 13	Concepts in Physical and Inorganic Chemistry
2	1hour 30 minutes	January and June Yr. 13	Physical and Inorganic Chemistry Introduction to Organic Chemistry
3	2 hours 30 minutes	June Yr.13	Internal Assessment-Practical examination
4	2 hours	January and June Yr. 14	Periodic Trends and Further Organic, Physical and Inorganic Chemistry
5	2 hours	June Yr. 14	Analytical, Transition Metals, Electrochemistry and Further Organic Chemistry
6	2 hours and 30 minutes	June yr. 14	Internal Assessment-Practical examination

### **Entry requirements:**

<b>Compulsory GCSE subjects</b>	<b>Grade</b>	<b>Desirable subjects</b>	<b>Grade</b>
Double Award Science	AA	Mathematics	B

### **Qualities / skills needed to succeed in the course**

- Logical thinking
- Good mathematical skills
- Good manipulation skills
- Good practical skills
- Good analytical skills
- be able to apply scientific knowledge and processes to unfamiliar situations
- Good communication skills