

# Chemistry

Examination board: AQA



Physical, Inorganic and Organic Chemistry are studied across both years of the Sixth Form, with extensive practical work linked to all three areas being undertaken.

## Content

### Year 1

Most of the topics studied in Year 12 are developments of topics already encountered at GCSE, including atomic structure, bonding, calculations and Organic Chemistry.

### Year 2

In Year 13, the pupils' knowledge and understanding of Chemistry is developed further and the mathematical aspects of the subject have greater emphasis. Further Organic Chemistry, entropy and transition metals are some of the topics studied in Year 13.

## Assessment

The A Level qualification is linear, with pupils sitting examinations at the end of Year 13. The A Level examination consists of three papers, each of which lasts for two hours. All written papers test pupils' theoretical and practical skills.

A separate endorsement of practical skills will be taken alongside the written papers. This is assessed by teachers and is based on direct observation of pupils' competency in a range of skills that are not assessable in written examinations.

Further details can be found on the AQA website:  
<http://www.aqa.org.uk>

The Periodic Table of the Elements

H																	He
Li	Be											B	C	N	O	F	Ne
Na	Mg											Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Cu	Ni	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Lr	Rf	Db	Sg	Bh	Ht	Mt	Ds	Rg	Cn	Uut	Uuq	Uuo	Uuh	Uuq	Uuo
		La Ce Pr Nd Pm Sm Eu Gd Tb Dy Ho Er Tm Yb															
		Ac Th Pa U Np Pu Am Cm Bk Cf Es Fm Md No															