

CHEMISTRY STATEMENT OF AIMS

THE AIM OF THE KS4 CURRICULUM IS TO DEVELOP...

SUCCESSFUL LEARNERS

Mastering Chemistry builds strong cognitive pathways in abstract reasoning and problem-solving, as students learn to seamlessly bridge the gap between observable macroscopic phenomena and subatomic models.

CONFIDENT, INSPIRED INDIVIDUALS

Exploring Chemistry demystifies the very fabric of the universe, inspiring learners by showing them how humanity can manipulate atoms to create life-saving medicines and revolutionary materials, which instills the confidence to innovate.

ASPIRING, RESPONSIBLE CITIZENS

Studying Chemistry empowers learners to critically evaluate the environmental footprint of human industry, allowing them to engage responsibly in debates surrounding green chemistry, plastic pollution, and the sustainable use of finite resources.

CURRICULUM MAP KS4

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Y10	<i>Reactivity of Metals Bonding</i>	<i>The Periodic Table</i>	<i>Quantitative Chemistry Acids and Bases</i>	<i>Energy Changes</i>	<i>Using Resources Chemical Analysis</i>	<i>Chemistry of the Atmosphere</i>
ASSESSMENT	Cumulative assessment of Autumn term		PPE - Paper 1 Chemistry			
Y11	<i>Electrochemistry</i>	<i>Rates</i>	<i>Organic Chemistry</i>	<i>Paper 1 Preperation</i>	<i>Paper 2 Preperation</i>	<i>Final exam</i>
ASSESSMENT	Paper 1					