

SCIENCE STATEMENT OF AIMS

THE AIM OF THE KS3 CURRICULUM IS TO DEVELOP...

SUCCESSFUL LEARNERS

KS3 Science enriches students' awareness of the big ideas that underpin scientific knowledge and understanding: Cells and organisation, Energy, Particles, Earth and its Atmosphere, Chemical Reactions, Forces, Space, Genetics and Interdependence.

CONFIDENT, INSPIRED INDIVIDUALS

KS3 Science also seeks to develop students' ability to work scientifically, through experimentation and investigation. Alongside this, students learn the importance of scientific models and the way in which theories develop. By undertaking scientific enquiry students are given the chance to develop their critical thinking and analytical skills.

ASPIRING, RESPONSIBLE CITIZENS

KS3 Science aims to help students to understand how human actions have shaped our world and how, through the advancement of Science, we might shape it in the future.

CURRICULUM MAP KS3

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Y7	<i>Working scientifically and The Particle Model</i>	<i>Solubility and Separation</i>	<i>Cells and Organisation and Fundamental Forces</i>	<i>Core Chemistry</i>	<i>Reproduction and Space Science</i>	<i>Ecology</i>
ASSESSMENT	Cumulative assessment of Autumn term		End of year assessment			
Y8	<i>Diet and Digestion and Chemical Reactions</i>	<i>Thermal Energy Transfers</i>	<i>Classification and Biomechanics and The Earth's Resources</i>	<i>Waves (light and sound) and Respiration and Breathing</i>	<i>Electricity and Plant Biology</i>	<i>Forces and Extensions</i>
ASSESSMENT	Cumulative assessment of Autumn term		End of year assessment			
Y9	<i>Electricity and Generation and Advanced Diet and Digestion</i>	<i>Further Chemical Reactions</i>	<i>Forces and Motion and Inheritance and Variation</i>	<i>Magnetism</i>	<i>Atoms, Elements and Compounds and Microscopy</i>	<i>Energy and Energy Resources</i>
ASSESSMENT	Cumulative assessment of Autumn term		End of year assessment			