

PHYSICS

STATEMENT OF AIMS

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

SUCCESSFUL LEARNERS

Engaging with Physics cultivates advanced mathematical literacy and logical deduction, empowering learners to methodically break down complex physical problems and apply universal laws to real-world technological challenges.

CONFIDENT, INSPIRED INDIVIDUALS

Engaging with Physics transforms students from passive observers into inspired thinkers who can look at the cosmos, renewable energy, and modern technology and confidently declare that they understand the fundamental laws that govern them.

ASPIRING, RESPONSIBLE CITIZENS

Engaging with Physics equips students to act as forward-thinking citizens who can objectively analyze energy consumption, debate the transition to renewable technologies, and understand the global impact of our collective carbon footprint.

CURRICULUM MAP

KS4

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Y10	<i>Particle model of matter Electrical Circuits</i>	<i>Radioactivity</i>	<i>Forces in Action Energy Transfer</i>	<i>Pressure in Fluids</i>	<i>Waves</i>	<i>Electricity in the home</i>
ASSESSMENT	Cumulative assessment of Autumn term		PPE - Paper 1 Physics			
Y11	<i>Electromagnetism</i>	<i>Acceleration, Advanced waves</i>	<i>Space</i>	<i>Paper 1 Preparation</i>	<i>Paper 2 Preparation</i>	<i>Final exam</i>
ASSESSMENT	Paper 1					