



Verulam School: Key Stage 5 CURRICULUM INFORMATION

Department: Science - Physics

Subject Leader: Alexander Jamali

Subject Vision: Our Science curriculum is designed to develop our students as strong independent thinkers who are curious about the world around them and develop their own scientific interests. We want them to have a range of complex scientific & transferable skills that allows them to make reasoned judgments for themselves and for the wider community.

	YEAR 12					
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/Unit Title	Practical Skills in Physics Foundations of Physics Motion Charge and Current	Force in Action Work, Energy, and Power Energy, Power, and Resistance Electrical Circuits	Materials Waves 1	Newton's Laws and Momentum Waves 2	Newton's Law and Momentum Quantum Physics	Revision
	YEAR 13					
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic/Unit Title	Thermal Physics Ideal Gases Capacitance Electric Fields	Circular Motion Oscillations Magnetic Fields Particle Physics	Gravitational Fields Stars Radioactivity Nuclear Physics	Cosmology Medical Imaging Revision		