



Summary Curriculum Plan

PHYSICS

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	Topics	Topics	Topics	Topics	Topics	Topics
Year 7	Key Stage 3 Curriculum					
Year 8						
Year 9	Energy stores Work Done and Power	Efficiency Energy Resources	Solid Liquid Gases, Density calculations, Specific Heat Capacity	Latent Heat Particle motion of gases, Pressure	Atomic Structure, Isotopes, Rutherford Experiment	Alpha, Beta, Gamma Radiation
Year 10	Radioactive Half lives, Uses of radioactive sources, Nuclear Fission/Fusion	Electricity Current, Voltage, Ohms law, series and parallel circuits	IV graphs for electrical components, Electrical Power, Domestic Electricity, Static Electricity	Resultant Forces, Vectors, Hookes Law, Moments, Pressure	Atmospheric Pressure, Dist/Vel time graphs, terminal velocity	Newtons Laws, Stopping distances, Momentum
Year 11	Momentum recap, Sound waves, Reflection, Refraction, Ultrasound, EM waves	Lenses, Black body radiation	Space Physics	Magnetisim, Electromagnetism	Revision	