

Key Stage 5 Curriculum Overview for Physics

Year	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
12	Working scientifically skills: measurements and errors. Beginning particle physics and electricity.	Continuing particle physics, electricity, and also quantum effects.	Completing electricity and quantum effects.	Beginning waves and mechanics topics.	Completing waves and mechanics topics.	Beginning gravitational fields and further mechanics topics.
	Assessments End of unit assessments for: particles and quantum, electricity. Required practical assessments for electricity.				Assessments End of unit assessments for: waves, mechanics. Required practical assessments for waves and mechanics. End of year mock examination.	
13	Electric fields, completing further mechanics, and beginning gas laws and thermodynamics.	Completing gas laws and thermodynamics, beginning magnetic fields.	Completing magnetic fields and beginning nuclear physics and astrophysics.	Continuing and completing nuclear physics and astrophysics.	Exam preparation activities.	
	Assessments End of unit assessments for: fields, gas laws and thermodynamics, astrophysics, and nuclear physics. Required practical assessments for fields, gas laws and thermodynamics, and nuclear physics. Winter mock examination.				Assessments	