

Curriculum Overview: Physics

	Year 10 GCSE Separate Science	Year 11 GCSE Separate Science	Year 12	Year 13
HT1	P1 Energy	P5 Forces	Module 1 Practical skills Module 2 Ch 2- Foundations of physics Ch 3- Motion Module 4 Ch 8- Charge & current Ch 9- Energy, power & resistance Ch 9.1- 9.2	Module 5 Ch 18- Gravitational fields Ch 19- Stars Module 6 Ch 21- Capacitance
HT2	Recap P3 and P4 covered in year 9	Two weeks revision paper 1 content for Nov Mocks Start P6- Waves	Module 3 Ch 4- Forces in action Ch 5- Work, energy & power Ch 6- Materials Module 4 Ch 9.3- 9.8	Module 5 Ch 20- Cosmology PAGs catch up Module 6 Ch 22- Electric fields Ch 23- Magnetic fields Ch 24- Particle Physics
HT3	Two-week revision on lead up to mid-year exam P2 Electricity	P7 Magnetism and electromagnetism (if not completed in year 10) Two-week revision paper 2 content before 2 nd Mock exams	Module 3 Ch 7- Laws of motion & momentum Module 4 Ch 11- Waves I Ch 9.9- 9.11 Ch 10- Electrical circuits Ch 10.1 – 10.3	Module 6 Ch 25- Radioactivity Ch 26- Nuclear Physics Ch 27- Medical imaging Ch 27.1 – 27.6
HT4	Finish P2 Recap paper 1 topics Recap required practicals for paper 1	Revision paper 1 content	Module 4 Ch 12- Waves 2 Ch 10.4 – 10.6 Ch 13- Quantum Physics	Module 6 Ch 27.7 – 27.8 Review ch 20 & 27 Module 5

				Review of ch 14 -17 (done end of y12) Review ch 19
HT5	Revision on lead up to End of year Exams P1-4 Paper 1 content P8 Space Physics	Revision Paper 1 & 2 content	Module 5 Ch 15- Ideal gases Ch 14- Thermal Physics Revision of Y12 concepts Revision of Y12 concepts	(Both teachers) Y12 & Y13 revision PAGs catch-up
HT6	Complete P8 Space Physics P7 Magnetism and electromagnetism (time permitting)	Study leave	Module 5 Ch 16- Circular motion Ch 17- Oscillations PAGs catch-up PAGs catch-up	Study leave