

Subject	PHYSICS
Paper	Paper 1: Particles, Waves, Electricity, Mechanics, Further Mechanics, Materials Paper 2: Thermal, Fields, Capacitors, Nuclear Paper 3: Practical application and Astrophysics
Work/skills/activities being covered in lesson leading to exams	<ul style="list-style-type: none"> • Week 1 (18th March) Transformers, Mechanics Exam practice and Thermal Physics • Week 2 (25th March) Magnetic fields Exam practice and Thermal Physics • Week 3 (14th April) Electricity and Waves, Paper 3 application • Week 4 (22nd April) Electricity and Waves exam practice, Paper 3 application • Week 5 (29th April) Materials exam practice and Nuclear exam practice, Paper 3 application • Week 6 (7th May) Further Mechanics and Particle exam practice, Paper 3 application
Areas to revise as a priority leading to exams	<ul style="list-style-type: none"> • Definitions in mechanics (e.g. moments, equilibrium, momentum) • Name and properties of particles (charge, mass, strangeness etc..) • Wave practicals – Resonance and Young’s double slit • Current and emf of series and parallel circuits (Kirchoff’s law) • Potential dividers • SHM practicals (mass-spring and pendulum)
Suggested methods of revision	<ul style="list-style-type: none"> • Going over past mocks and notes from Year 12/13 work • Use of Uplearn – students should use the key knowledge and exam papers • Past papers available on AQA website. Also look at the sample papers - complete past papers and check against mark scheme. • Past papers on Physics and Maths tutor, also available are flashcards, mind maps, exam questions sorted into topics alongside individual papers • Required practical videos • https://www.youtube.com/playlist?list=PLAd0MSIZBSsHL8ol8E-a-xgdcyQcKgnGt
Specific independent focus over Easter	<ul style="list-style-type: none"> • RAG rate topics in order to focus independent revision • Uplearn sections and exam papers • Physics revision paper packs to be completed and checked against mark schemes • Attempt at least one Paper 3a paper