

Subject	Physics
<b>Paper</b>	Paper 1: Particles, Waves, Electricity, Mechanics, Further Mechanics, Materials Paper 2: Thermal, Fields, Capacitors, Nuclear Paper 3: Practical application and Astrophysics
<b>Work/skills/activities being covered in lesson leading to exams</b>	<ul style="list-style-type: none"> <li>• Week 1 (24th February) Magnetic flux density Thermal test revision and review</li> <li>• Week 2 (3rd March) Magnetic Flux Waves exam practice</li> <li>• Week 3 (10th March) Transformers, Mechanics Exam practice and waves exam practice</li> <li>• Week 4 (17<sup>th</sup> March) Capacitors Exam practice and Waves required practicals</li> <li>• Week 5 (24<sup>th</sup> March) Fields Exam practice and Particles exam practice</li> <li>• Week 6 (31<sup>st</sup> March) Electricity and Quantum</li> <li>• Week 7 (21<sup>st</sup> April) Paper 3 application</li> <li>• Week 8 (28<sup>th</sup> April) Materials exam practice and Nuclear exam practice, Paper 3 application</li> <li>• Week 9 (6<sup>th</sup> May) Further Mechanics and thermal exam practice, Paper 3 application</li> <li>• Week 10 (13<sup>th</sup> May) Astrophysics exam practice and paper 1 talking mock</li> </ul>
<b>Areas to revise as a priority leading to exams</b>	<ul style="list-style-type: none"> <li>• Definitions in mechanics (e.g. moments, equilibrium, momentum)</li> <li>• Name and properties of particles (charge, mass, strangeness etc..)</li> <li>• Wave practicals – Resonance and Young’s double slit</li> <li>• Current and emf of series and parallel circuits (Kirchoff’s law)</li> <li>• Potential dividers</li> <li>• SHM practicals (mass-spring and pendulum)</li> </ul>

**Suggested methods  
of revision**

- 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>