



Huxlow & Rushden Academy
SIXTH FORM
 One Trust, Two Schools, One Vision of Excellence




Physics A Level


Prepared by: T Brown

 **Exam Board: AQA**

 **Course Specification**
Please scan QR Code

 **Course Text Books**
A Level Physics for AQA Year 1&2 Student Book ISBN: 978-1789080483

 **Course Revision Guides**
A Level Physics Complete Revision & Practice ISBN: 978-1789080322
A Level Physics Exam Practice Workbook ISBN: 978-1782949169

 **Examinations**
 Summer Year 13

Paper 1 Physics ADV Topic 1-6	2hrs	34%
Paper 2 Physics ADV Topic 7-8	2hrs	34%
Paper 3 Physics ADV Topic 9 (Inc practical skills)	2hrs	32%

Curriculum



Huxlow Academy
 Finedon Road
 Irthlingborough
 Northamptonshire
 NN9 5TY



Rushden Academy
 Hayway
 Rushden
 Northamptonshire
 NN10 6AG



Year 12

Term 1	Topic 1 Particles and Radiation: Matter and radiation Quarks and Leptons Quantum Phenomena Topic 2 Waves and Optics Waves Optics	ALT Report October
Term 2	Topic 2 Waves and Optics Continued Waves Optics Topic 3 Mechanics and Materials Forces in Equilibrium	Progress 1 Report November
Term 3	Topic 3 Mechanics and Materials Continued On the move Newton's laws of motion	In Class Assessments January Progress 2 Report January
Term 4	Topic 3 Mechanics and Materials Continued Forces and Momentum Work, energy and power	
Term 5	Topic 3 Mechanics and Materials Continued Materials	End of Year Exams Apr / May Progress 3 Report May
Term 6	Topic 4 Electricity Electric current DC current Topic 6 Further Mechanics and Thermal Physics Motion in a circle Simple harmonic motion	

Year 13

Term 1	Topic 6 Further Mechanics and Thermal Physics Continued Thermal physics Gases Topic 7 Fields Gravitational Fields Electric Fields Capacitors	ATL Report October
Term 2	Topic 7 Fields Continued Magnetic Fields Electromagnetic induction Topic 8 - Nuclear Physics Radioactivity	Progress 1 Report November
Term 3	Topic 8 Nuclear Physics Continued Nuclear energy Topic 9 Option Topic Selected from: Astrophysics, Medical physics, Engineering physics, Turning points in physics, Electronics, Telescopes, Classification of stars, Cosmology	Mock Exams January Progress 2 Report January
Term 4	Topic 9 Option Topic Continued	
Term 5	Complete assessed practicals Prepare for exams	Examinations
Term 6	Examination	Examinations