

Physics

A-LEVEL

EXAM BOARD AQA

ASSESSMENT

COURSE CONTENT

Component 1: Measurements and their errors

Component 2: Particles and radiation

Component 3: Waves

Component 4: Mechanics and materials

Component 5: Electricity

Component 6: Further mechanics and thermal physics (A-level only)

Component 7: Fields and their consequences (A-level only)

Component 8: Nuclear physics (A-level only)

Component 9: One of 5 optional units from – Astrophysics, Medical Physics, Engineering Physics, Turning points in Physics or Electronics (A-level only)

Component	Assessment	Duration	Weighting
1.	Written exam (topics 1-5 and some of topic 6)	2 hours	34%
2.	Written exam (remainder of topic 6 and 7-8)	2 hours	34%
3.	Written exam of the practical skills and optional unit	2 hours	32%
4.	Common Practical Assessment	Ongoing – teacher assessed	Separate Practical Endorsement Certification

CAREER OPPORTUNITIES

Physics is a key subject for many careers, including: Engineering, Computer science and working in the Energy Industry. In addition, physics students frequently enter careers that require a solid mathematical background such as: Banking, Finance and Accounting.

