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| **Physics Revision List Summer 2025** | |
| Exam information:  **AQA AS Paper 1**   * written exam: 1 hour 30 minutes * 70 marks of short and long answer questions split by topic.   **AQA AS Paper 2**   * written exam: 1 hour 30 minutes * Section A: 20 marks of short and long answer questions on practical skills and data analysis * Section B: 20 marks of short and long answer questions from across all areas of AS content * Section C: 30 multiple choice questions * 70 marks in total | |
| Topic | Revised? |
| 1. Matter and radiation |  |
| 1. Quarks and leptons |  |
| 1. Quantum Phenomena |  |
| 1. Waves |  |
| 1. Optics |  |
| 1. Forces and equilibrium |  |
| 1. On the move |  |
| 1. Newton’s Laws of motion |  |
| 1. Forces and momentum |  |
| 1. Work, energy and power |  |
| 1. Materials |  |
| 1. Electric current |  |
| 1. DC Circuits |  |
| 1. Practical Skills in science:  * RP 1 Standing waves on a string * RP 2 Interference and Diffraction * RP 3 Freefall due to g * RP 4 Young’s Modulus * RP 5 Resistivity of a wire * RP 6 EMF and internal resistance |  |
| Revision Links | |
| **A Level Physics Online**   * [Particles and radiation](https://www.alevelphysicsonline.com/aqa-3-2) * [Waves](https://www.alevelphysicsonline.com/aqa-3-3) * [Materials and Mechanics](https://www.alevelphysicsonline.com/aqa-3-4) * [Electricity](https://www.alevelphysicsonline.com/aqa-3-5) * [Measurements and Errors](https://www.alevelphysicsonline.com/aqa-3-1)   **PMT Past Papers**   * [As Physics Past papers](https://www.physicsandmathstutor.com/physics-revision/a-level-aqa/)   **MME Revision Resources and Questions**   * [Resources](https://mmerevise.co.uk/a-level-physics-revision/)   **A Level Cognito**   * [Lessons](https://cognitoedu.org/courseoverview/p3-alevel-aqa/lessons)   **Save my Exams**   * [AQA Physics Revision](https://www.savemyexams.com/a-level/physics/aqa/17/revision-notes/) | |