This guide is for students, parents and carers. It outlines: Information about the GCSE course; the topics on each examination paper and where students can find revision resources; and ends with examination tips specific to this subject.

**Course Title and Exam Board**

|  |  |  |
| --- | --- | --- |
| Exam board | AQA | |
| Course title | Physics | |
| Course structure and assessment | 2 x 1Hour 45 Minute Examinations | |
| Key dates | 22nd May (PM) | Paper one |
| 14th June (AM) | Paper two |

**GCSE Examinations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Paper | Marks | Duration | Weighting | Topics on this paper |
| Paper one | 100 | 1hr 45mins | 50% | Topic 1 – Conservation & Dissipation of Energy  Topic 2 – Energy Transfer by Heating  Topic 3 – Energy Resources  Topic 4 – Electric Circuits  Topic 5 – Electricity in the home  Topic 6 – Molecules & Matter  Topic 7 – Radioactivity |
| Paper two | 100 | 1hr 45mins | 50% | Topic 8 - Forces in Balance  Topic 9 - Motion  Topic 10 - Forces & Motion  Topic 11 - Force & Pressure  Topic 12 - Wave Properties  Topic 13 - Electromagnetic Waves  Topic 14 - Light  Topic 15 - Electromagnetism  Topic 16 - Space |

**Course Components (a more detailed explanation of skills and topics)**

[***https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF***](https://filestore.aqa.org.uk/resources/physics/specifications/AQA-8463-SP-2016.PDF)

***Paper One - Pages 16 - 42***

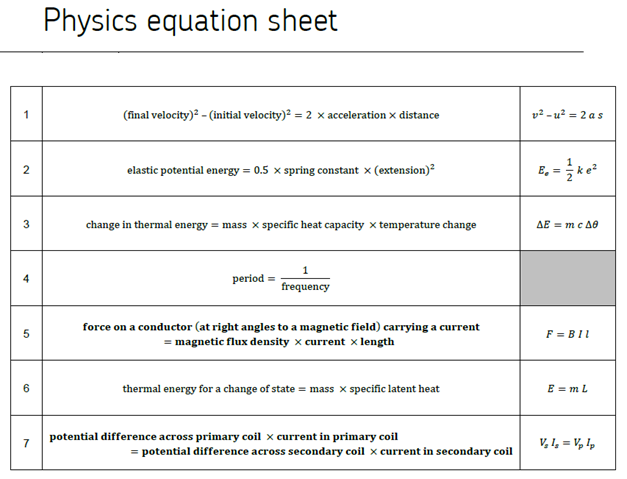
***Paper Two - Pages 43 – 73***

**Where are the revision resources?**

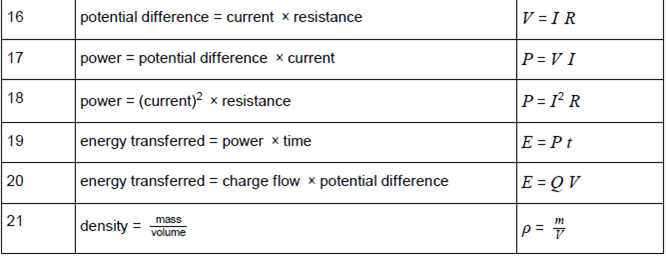
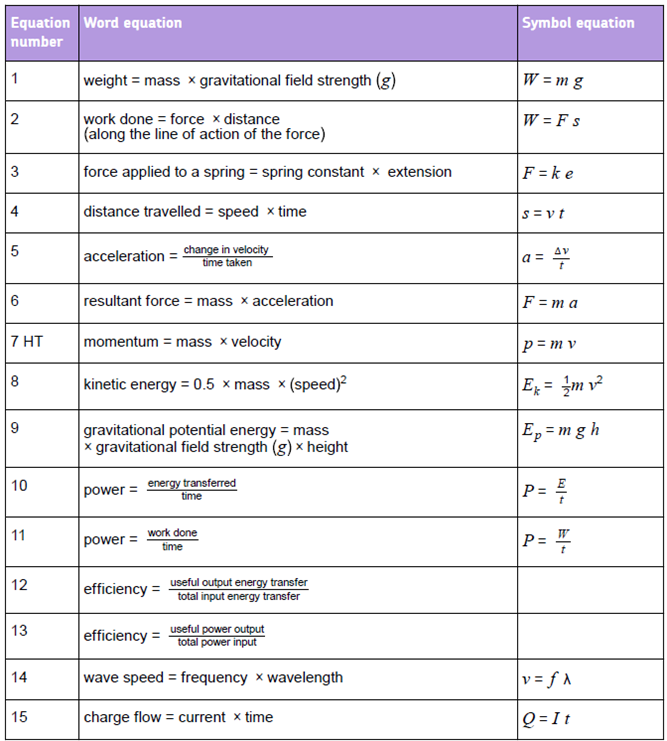
|  |  |
| --- | --- |
| Revision topics | What resources to use (website links, student: drive titles of folders/ documents; books recommended etc.) |
| **Paper 1**  <http://www.physicsandmathstutor.com/physics-revision/gcse-aqa/>  <https://www.bbc.com/bitesize/examspecs/zsc9rdm>  <https://app.senecalearning.com/classroom/course/fe56ca00-05aa-11e8-9a61-01927559cfd5> | |
| Topic 1 – Conservation & Dissipation of Energy | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 1 |
| Topic 2 – Energy Transfer by Heating | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 2 |
| Topic 3 – Energy Resources | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 3 |
| Topic 4 – Electric Circuits | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 4 |
| Topic 5 – Electricity in the home | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 5 |
| Topic 6 – Molecules & Matter | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 6 |
| Topic 7 – Radioactivity | P Drive /Students/ Science/ Triple Physics/ Paper 1/ Quiz and questions/ Year 10 Revision - Topic 7 |
| **Paper 2**  <http://www.physicsandmathstutor.com/physics-revision/gcse-aqa/>  <https://www.bbc.com/bitesize/examspecs/zsc9rdm>  <https://app.senecalearning.com/classroom/course/fe56ca00-05aa-11e8-9a61-01927559cfd5> | |
| Topic 8 - Forces in Balance | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 8 - Forces in Balance |
| Topic 9 - Motion | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 9 - Motion |
| Topic 10 - Forces & Motion | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 10 - Forces & Motion |
| Topic 11 - Force & Pressure | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 11 - Force & Pressure |
| Topic 12 - Wave Properties | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 12 - Wave Properties |
| Topic 13 - Electromagnetic Waves | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 13 - Electromagnetic Waves |
| Topic 14 - Light | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 14 - Light |
| Topic 15 - Electromagnetism | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 15 - Electromagnetism |
| Topic 16 - Space | P Drive /Students/ Science/ Triple Physics/ Paper 2/ Quiz and questions/ Topic 16 - Space |

**Three Examination Tips Specific to this Subject**

These are the equations you are given in both exams



These are the equations you need to learn



These are the required practicals

Practicals 1-5 are on paper 1

Practicals 6-10 are on paper 2

