

A Level Revision Planning for AQA Physics 7408

What Physics exams are taking place?

AQA Physics 7408 Papers 1, 2 & 3

What's assessed in Paper 1?

Sections 3.1–3.5 and 3.6.1 (Periodic motion)

3.1 Measurements and their errors

3.2 Particles and radiation

3.3 Waves

3.4 Mechanics and materials

3.5 Electricity

3.6 Further mechanics and thermal physics: 3.6.1 (Periodic motion)

How is it assessed?

- written exam: 2 hours
- 85 marks
- 34% of A-level

Type of Questions?

60 marks of short and long answer questions and 25 multiple choice questions on content.

What's assessed in Paper 2?

Sections 3.6.2 (Thermal Physics), 3.7 and 3.8

Assumed knowledge from sections 3.1 to 3.6.1

3.6 Further mechanics and thermal physics

3.7 Fields and their consequences

3.8 Nuclear physics

How is it assessed?

- written exam: 2 hours
- 85 marks
- 34% of A-level

Type of Questions?

60 marks of short and long answer questions and 25 multiple choice questions on content.

What's assessed in Paper 3?

Section A: Compulsory section: Practical skills and data analysis

Section B: Students enter for one of sections 3.9, 3.10, 3.11 (students will know which option they are taking)

3.9 Astrophysics

3.10 Medical physics

3.11 Engineering physics

How is it assessed?

- written exam: 2 hours
- 80 marks
- 32% of A-level

Type of Questions?

45 marks of short and long answer questions on practical experiments and data analysis.

35 marks of short and long answer questions on optional topic.

When are the Physics exams taking place?

Exam for A-level Physics Paper 1 (7408/1) June 2019 series

20th May 2019

Start time: pm
Duration: 2h

Exam for A-level Physics Paper 2 (7408/2) June 2019 series
24th May 2019
Start time: am
Duration: 2h

Exam for A-level Physics Paper 3 (7408/3) June 2019 series
3rd June 2019
Start time: pm
Duration: 2h

Target date for completion of syllabus

Friday 15th March 2019 – from that point all lessons will be focused on key topics based on either exam body advice, whole class trends or individual student requests. We will also use lesson time to complete any required practical work which has not been completed. In addition, students are welcome to either request revision material on any topic or find a convenient time to ask for help from Ingrid Murray.

15th May 2019 – final coursework deadline for A-level Physics (Non-exam assessment: Practical Endorsement) (7408/C)

How does my Son/Daughter know what to revise?

Please visit the AQA website for the full specification for the new Physics A Level 7408 and past papers (most will be for the old specification but are still good practice). There is also comprehensive revision material organised by topic on Google Classroom.

What resources does my Son/Daughter have to support their revision?

Students have separate text books for both years of the course and printed CGP Revision Guides for Year 1 and Year 2.

They should also have compiled a folder of extensive notes and worked examples which can be used for revision.

Students can use the practice material and links on Google Classroom.

Students may find the following websites useful to obtain practice questions by topic along with solutions:

- Physics and Maths Tutor (link also on Google Classroom)
- <https://www.physicsandmathstutor.com/past-papers/a-level-physics/>
- Isaac Physics
<https://isaacphysics.org/>
- Dr Physics A GCSE Revision <https://www.youtube.com/playlist?list=PL5D99A319E129A5B7>
- CGP Revision guide
<https://www.cgpbooks.co.uk/secondary-books/as-and-a-level/science/physics/par73-new-a-level-physics-for-2018-aqa-year-1>
- Past Papers, mark schemes and examiners' comments
<https://www.aqa.org.uk/exams-administration/exams-guidance/find-past-papers-and-mark-schemes>

If you don't have access to a computer or printer, use a college laptop or go to the library. Pull up the questions and try them. Then pull up the mark scheme and annotate your answers. The examiners' comments tell you what other students found easy/hard so you can gauge how you are doing compared to other students.

What additional revision is available?

Physics A Level has 5 hours per week of timetabled lessons. This should be adequate to complete the syllabus in good time, with time for revision and past paper practice.

Students are welcome to ask or email Ingrid Murray for help at any time, either in class or at a convenient break.

The focus for students is on using the resources provided to simply practice topics that they are currently either making mistakes on or getting wrong. Following the principle of; Watch the film clip; make some notes; practice the film questions; check answers; print some further practice questions; check answers as you go; highlight any areas of misunderstanding; ask for help.