

Year 13 PHYSICS Revision Timetable

Pupil Name:

We will be asking you to revise different topics and sometimes the associated required practical. You **SHOULD** be making revision notes. Remember good revision involves doing something active, not just passively reading your notes or a website.

There are lots of activities you can do that will help you revise: make summary notes, produce a mind map, revision clock or flashcards, complete the Kerboodle text book practice papers, re-do the end of unit tests from year 1 or do past exam papers.

THE EXAMS – You will sit 3 papers:

PAPER 1: 85 marks, 2 hours, chapters 1-13, 17 & 18 **02 May pm**

PAPER 2: 85 marks, 2 hours, chapters 1-27 **1 June am**

PAPER 3: 80 marks, 2 hours, astrophysics and practical skills **8 June am**

USEFUL RESOURCES

Sharepoint:

Within the Physics A level resources folder:

- *Revision notes for every topic*
- *Weekly revision tasks (& solutions) for each topic*
- *Study notes for all units*
- *Answers to the practice questions at the end of each chapter of your Kerboodle text book*
- *Kerboodle exam style questions*
- *Past exam questions and answers grouped by topic*

Useful revision websites:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408/assessment-resources> (AQA past papers and mark schemes)

<https://www.s-cool.co.uk/a-level/physics> (notes and questions by topic)

<https://www.brainscape.com/subjects/a-level-physics-aqa> (flashcard questions + answers)

<https://mathsmadeeasy.co.uk/a-level-physics-revision/> (revision notes, links and questions)

<https://www.physicsandmathstutor.com/physics-revision/a-level-aqa/> (revision notes, links and questions)

<https://www.physicstutoronline.co.uk/alevelphysics/alevel-physics-aqa/> (videos, notes, questions)

<https://www.youtube.com/playlist?list=PLGvD8d3gDHUXLkGHQShzTVsr0TzB7lt2y> (short videos covering the whole of the course)

<https://www.youtube.com/watch?v=T81dJorlyRY> (revision video for required practicals)

Week wb	What to revise	Type of revision notes and testing?	Any problems? (questions to ask your teacher?)
1 23/02/26	Chapters 1 & 2 Measurement and errors		
2 02/03/26	Chapters 17 & 18 Required practical 7		
3 09/03/26	Chapters 4 & 5 Required practicals 1 & 2		
4 16/03/26	Chapters 19 & 20 Required practical 8		
5 23/03/26	Chapters 6 & 7 Required practical 3		
6	Chapters 12 & 13		

30/03/26	Required practicals 5 & 6		
7 06/04/26	Chapters 8, 9 & 10 Measurement and errors		
8 13/04/26	Chapters 26 & 27 Required practical 12		
9 20/04/26	Chapters 21, 22 & 23 Required practical 9		
10 29/04/26	Chapters 3 & 11 Required practical 4		
11 04/05/26	Chapters 24 & 25 Required practicals 10 & 11		
12 11/05/26	Astrophysics		
13 18/05/26	Paper 1 topics		
14 25/05/26	Paper 2 topics		

REQUIRED PRACTICALS

1	Investigation into the variation of the frequency of stationary waves on a string with length, tension and mass per unit length of the string
2	Investigation of interference effects to include the Young's slit experiment and interference by a diffraction grating
3	Determination of g by a free-fall method
4	Determination of the Young modulus by a simple method
5	Determination of resistivity of a wire using a micrometer, ammeter and voltmeter
6	Investigation of the emf and internal resistance of electric cells and batteries by measuring the variation of the terminal pd of the cell with current in it
7	Investigation into simple harmonic motion using a mass-spring system and a simple pendulum
8	Investigation of Boyle's (constant temperature) law and Charles's (constant pressure) law for a gas
9	Investigation of the charge and discharge of capacitors. Analysis techniques should include log-linear plotting leading to a determination of the time constant RC
10	Investigate how the force on a wire varies with flux density, current and length of wire using a top pan balance
11	Investigate, using a search coil and oscilloscope, the effect on magnetic flux linkage of varying the angle between a search coil and magnetic field direction
12	Investigation of the inverse-square law for gamma radiation