

Year 13 Physics Exam - Revision Guidance



Circulation	Yr 13 Students
Title	Yr 13 Physics A level H556 Revision
Purpose	To provide revision information for external exams
Specification	H556 https://www.ocr.org.uk/images/171726-specification-accredited-a-level-gce-physics-a-h556.pdf

You will sit three papers for your formal exams taking place in May and June 2026.

Paper 1 Title: Modelling physics (100 marks)

2hr 15 mins

Section A: Multiple Choice

Section B: Questions

Topics

Module 1

1.1 Practical Skills assessed in the written exam

Module 2

2.1 Physical quantities and units

2.2 Making measurements and analysing data

2.3 Nature of quantities

Module 3

3.1 Motion

3.2 Forces in action

3.3 Work, energy and power

3.4 Materials

3.5 Newton's laws and momentum

Module 5

5.1 Thermal physics

5.2 Circular motion

5.3 Oscillations

5.4 Gravitational fields

5.5 Astrophysics and cosmology

Paper 2: Exploring physics (100 marks)

2hr 15 mins

Section A: Multiple Choice

Section B: Questions

Topics

Modules 1 and 2 as per paper 1

Module 4

4.1 Charge and current

4.2 Energy, power and resistance

4.3 Electrical circuits

4.4 Waves

4.5 Quantum physics

Module 6

6.1 Capacitors

6.2 Electric fields

6.3 Electromagnetism

6.4 Nuclear and particle physics

6.5 Medical imaging

Paper 3: Unified physics (70 marks)

1hr 30 mins

All modules 1-6



You must have:

- the Data, Formulae and Relationship Booklet (sent with general stationery)

You may use:

- a scientific or graphical calculator
- a ruler (cm/mm)

INSTRUCTIONS

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer **all** the questions.
- Write your answer to each question in the space provided. If additional space is required, use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

Further detail and revision materials can be found here:

<https://padlet.com/jwilliamson64/ocr-a-level-physics-2024-25-m3jrsxko1dhh1hrv>