

Advance Information for Summer 2022

A Level

Physics B (Advancing Physics)

H557

We have produced this advance information to help support all teachers and students with revision for the Summer 2022 exams.

Information

- This advance information covers all examined components.
- This advance information does **not** cover the practical endorsement component.
- Assessment of practical skills and maths skills will occur throughout the papers.
- The format/structure of the papers remains unchanged.
- There are no restrictions on who can use this advance information .
- You are **not** permitted to take this advance information into the exam.
- This document has **2** pages.

Advice

- For each paper the list shows the major focus of the content of the exam.
- Students are advised that content not listed may appear on the question papers.
- The aim should still be to cover all specification content in teaching and learning.
- Students and teachers can discuss this advance information.
- The information lists topic areas in rank order, with the areas carrying the highest mark allocations at the top of each list.
- Students' responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate.

If you have any queries about this notice, please call our Customer Support Centre on **01223 553998** or email general.qualifications@ocr.org.uk.

H557/01 Fundamentals of physics

- 4.1 Waves and Quantum behaviour (includes practical skills)
- 5.2.1 Matter: very simple (includes practical skills)
- 4.2 Space, time and motion
- 5.1.1 Creating Models
- 6.2.2 Ionising radiation and risk

H557/02 Scientific literacy in physics

- 5.1.1 Creating Models
- 5.1.2 Out into space
- 6.1.1 Electromagnetism (includes practical skills)
- 3.1.2 Sensing (includes practical skills)
- 6.1.2 Charge and field

H557/03 Practical skills in physics

- 2 Fundamental data analysis (includes practical skills)
- 5.1.1 Creating Models (includes practical skills)
- 3.1.1 Imaging and signalling (includes practical skills)
- 3.2 Mechanical properties of materials (includes practical skills)
- 5.2.1 Matter: very simple (includes practical skills)

END OF ADVANCE INFORMATION

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