

Advance Information for Summer 2022

Level 3 Certificate

Core Maths A (MEI)

H868

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

Information

- This notice covers all examined components.
- There are no restrictions on who can use this notice.
- You are **not** permitted to take this notice into the exam.
- This document has **3** pages.

Advice

- Students and teachers can discuss this advance information.
- It is advised that teaching and learning should still cover the entire subject content in the specification.
- The information is presented in specification order.
- Topics not explicitly given in the list may appear in low tariff items or via synoptic questions.

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

H868/01 – Introduction to Quantitative Reasoning

Topic	Content
Use of technology	Standard calculator Spreadsheet formulae
Modelling	Rough estimates Tolerance Algebra Areas and volumes Units Scale drawings Representations of 3D objects in 2D Velocity and acceleration Ratio and proportionality
Statistics	Information from tables Frequency charts Scatter diagrams Skewness Lines of best fit Central tendency
Finance	Percentages Foreign exchange Outgoing cost Information from tables
Exponentials	Large and small numbers Standard form
Graphs and gradients	Graphs in context Gradients in context
Risk	Likelihood of outcomes Risk as a probability

H868/02 – Critical Maths

Component	Topic	Content
IQR	Use of technology	Standard calculator
	Modelling	Rough estimates Units of measure
	Statistics	Bar charts and Pie charts Scatter diagrams Lines of best fit Modelling with Normal distribution
	Finance	Percentages in context
	Risk	Two-way tables Risk as a probability
CM	Problem solving	Strategies, communicating, and reflecting on solutions
	Sources of information	Estimates of everyday life quantities Rough sizes and capacities Fermi estimate Expected number
	Statistical techniques	Misleading statistical diagrams Regression to mean Large samples Modelling statistical experiments Conditional probability Working with percentages

END OF ADVANCE INFORMATION

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