



OCR MEI : A Level Further Mathematics

Support Information

Exam Dates

Provisional Exam dates are:

Pure Core - 25th May 2023 PM (2 hours 40 mins)

Modelling with Algorithms - 5th June 2023 PM (1 hour 15 mins)

Mechanics Minor - 14th June 2023 PM (1 hour 15 mins)

Statistics Minor - 16th June 2023 PM (1 hour 15 mins)

These are subject to change. Students will be given a personalised timetable when confirmed exam dates are released.

Assessment Structure

Assessment for the A Level Further Mathematics course is 100% examination and the breakdown of content can be seen in the table below. Grades awarded are A* - E.

| Paper 1 | Paper 2 | Paper 3 | Paper 4 |
|--|---|--|---|
| Pure Core | Statistics Minor | Mechanics Minor | Modelling with Algorithms |
| <ul style="list-style-type: none">• Proof• Complex numbers• Matrices and transformations• Vectors and 3-D space• Algebra• Series• Calculus• Polar coordinates• Hyperbolic functions• Differential equations | <ul style="list-style-type: none">• Sampling• Discrete random variables• Bivariate data• Chi-squared tests | <ul style="list-style-type: none">• Dimensional analysis• Forces• Work, energy and power• Momentum and impulse• Centre of mass | <ul style="list-style-type: none">• Algorithms• Networks• Linear programming |
| <ul style="list-style-type: none">• Written exam: 2 hours 40 mins• 144 marks• Weighting: 50 % | <ul style="list-style-type: none">• Written exam: 1 hour 15 mins• 60 marks• Weighting: 16 $\frac{2}{3}$% | <ul style="list-style-type: none">• Written exam: 1 hour 15 mins• 60 marks• Weighting: 16 $\frac{2}{3}$% | <ul style="list-style-type: none">• Written exam: 1 hour 15 mins• 60 marks• Weighting: 16 $\frac{2}{3}$% |

Text Books

Students should fully utilise their textbooks to prepare for all styles of questions. There are also practice papers that are good for revision.

Websites

Past papers can be found on

<https://mathsmadeeasy.co.uk/a-level-maths-revision/level-maths-ocr-mei-past-papers/>