A LEVEL MATHEMATICS B (MEI) H640



Support highlights

We've summarised our support package for A Level Maths B (MEI) H640 in this one-stop guide. This package has been designed to get you up to speed quickly with the requirements of the qualification and to help you prepare your students for their final assessment. The full collection of resources can be found on <u>Teach Cambridge</u>.

Planning

Delivery guides

Download the sample delivery guide

Our delivery guides provide some insight into general teaching approaches, common student misconceptions and contextual links across the specification for each topic. Each guide has a collection of links to free OCR and third party resources suggested by examiners and teachers.

Teaching activities – Confidence with calculators

Download the sample calculator teaching activity

There is no non-calculator assessment in this qualification. Students are expected to be able to use their calculators efficiently while demonstrating their understanding of mathematical concepts. These activities are designed to help students develop confidence with the more advanced functions on the calculator.

Large Data Set

These notes outline the requirements for the Large Data Sets provided for Maths B (MEI) and include some notes on interesting features of each Large Data Set and some links to useful resources.

Notes on the Large Data Set 6 (AS Level 2023 / A Level 2024) Notes on the Large Data Set 7 (AS Level 2024 / A Level 2025) Notes on the Large Data Set 8 (AS Level 2025 / A Level 2026)

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Assessment

Past papers

The <u>past paper finder</u> gives students access to all Maths papers, mark schemes and examiners' reports from the past 10 years, apart from the latest series which is held securely on Teach Cambridge (see the <u>schedule for transferring papers to the OCR website</u>). Teach Cambridge also has candidate exemplars. The mark schemes, examiners' reports, and candidate exemplar documents all reflect the performance of the cohort that sat the exam series.

Alternative papers

These are modified versions of the live papers, with slight changes to values or expressions. These are great to use with a class after setting live papers as mock assessments.

Sample assessment material and practice papers

Download sample assessment material

These have been written by the same team that produce the live exam material. However, the mark schemes do not have such detailed additional guidance since these papers have not been sat by a live cohort under exam conditions. There are one set of AS Level papers and four sets of A Level practice papers.

Practice tests

These are full exam style papers created from legacy questions held on ExamBuilder, our question bank platform. The edited questions reflect the new command words and use of technology expectations.

Progress tests

Download the sample progress test

These are 50 mark tests created using past paper questions from across the legacy and current OCR A Level Maths specifications. These could be used as a source of 'off the shelf' revision activities, or teachers may want to further edit to focus on individual topics or assessment objectives.

Check in tests

Download the sample check in test

Set of 10 questions and an extension task focused on each content section of the specification.

You may also like

Exploring our question papers – AS and A Level Mathematics B

Learn why our specification is so easy to teach and how our improvements in question papers to make these more accessible for your students.

Command words poster

Guidance on the wording used in the examination.

Support highlights

Support

Professional development

The majority of our current professional development training is held online. Courses are designed to support with each stage of your journey with us, from guiding your switch to OCR Maths B (MEI) H640, to supporting your teaching of the course and through to preparing for the summer examinations.

See our range of professional development courses using the <u>Find an</u> <u>event</u> search tool.

We can also run many of our courses at your centre and they can be tailored to meet your needs. Alternatively, if there's one that isn't mentioned that you'd be interested in, please contact us to talk about it.

If you have any questions, please email professionaldevelopment@ocr.org.uk.

Teacher Network events

Our free termly teacher networks will provide you with a fantastic opportunity to discuss A Level Maths with our Subject Advisors and like-minded colleagues. There is always time set aside to discuss future resources and CPD events, while also allowing teachers to share ideas on teaching and exam preparation.

Find out about our next meeting and agenda on the <u>Teacher Network</u> events page.

MEI Staffroom

MEI provide additional support for this qualification through the MEI Staffroom. This is hosted on Integral and registration is free for centres offering OCR B (MEI). Through the MEI Staffroom you will have access to schemes of work, extra resources and free online professional development.

Find out more on the MEI website.

ExamBuilder

Create your own exercises and tests on our free question bank platform. Access questions from across both specifications of our legacy and reformed qualifications. Find more information on our <u>ExamBuilder page</u>.

Active Results

Active Results is a free online results analysis service to help you review exam performance. Active Results allows you to view a number of different reports, showing different aspects of performance in the examination by student, class or full cohort. Find more information on our <u>Active Results page</u>.

You may also like

Grade boundaries

Visit this page for details of notational raw mark grade boundaries for individual papers and the overall qualification in each exam series.

Results statistics

Visit this page for a breakdown of the number of candidates obtaining each grade in each exam series.

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Total Maths

Sign up to receive our monthly newsletter to keep up-to-date with the latest OCR Maths news and updates, including CPD events, Teacher Networks and resources.

Blog posts

Read articles written by OCR Subject Advisors and by guest authors on aspects of A Level Mathematics to support teaching and learning.

AS/A Level Maths and Further Maths: the truth about calculators

Why three large data sets for the MEI specification?

A Level Mathematics specification B (MEI) – what's in it for you?

Get in touch



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You can email your thoughts to <u>resourcesfeedback@ocr.org.uk</u> or visit the <u>OCR feedback page</u> to learn more about how you can help us improve our resources.



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Call us on 01223 553998

Alternatively, you can email us on support@ocr.org.uk

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Whether you already offer OCR qualifications, are new to OCR or are thinking about switching, you can request more information using our Expression of Interest form.

Please get in touch if you want to discuss the accessibility of resources we offer to support you in delivering our qualifications.