Cambridge Assessment International Education

Support for Cambridge International AS & A Level Mathematics (9709)

Supporting you every step of the way

We provide a wide range of support so that you can give your learners the best possible preparation for Cambridge programmes and qualifications. Here is a list of the teaching and learning support available for the Cambridge International AS & A Level Mathematics (9709) syllabus that is available for first examination in 2019 (Cambridge International AS Level) and 2020 (Cambridge International A Level). Our 'Coming soon' section on the following page lists further support which will be available for first teaching in 2018.

Our support material is available online through the School Support Hub at: **www.cambridgeinternational.org/support**
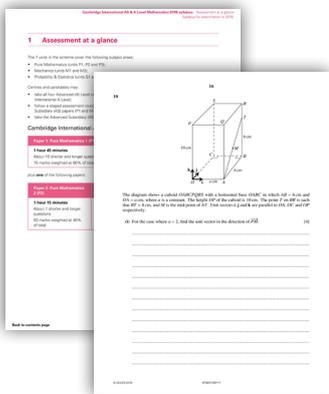
Syllabus and assessment materials

The syllabus is well designed, interesting to teach, accessible to learners and has been updated for first teaching in 2018. It explains what your learners need to know, how they will be assessed, and the relationship between assessment objectives and the examination papers.

Use the specimen papers and mark schemes to familiarise yourself with the overall assessment approach.

This syllabus includes changes to the assessment structure, assessment objective weightings and syllabus content when compared to the 2017–2018 and 2019 syllabuses. However, the general question-types are consistent across all series, so you may refer to the past papers from 2015 onwards to help familiarise your learners and to understand the required standard. Make sure you read the changes to the assessment listed in the syllabus. You should also use the Specimen Papers and mark schemes for the 2020 series.

Scheme of Work

This medium term teaching plan provides ideas about how to construct and deliver Cambridge International AS & A Level Mathematics. The syllabus has been broken down into teaching units according to the examination papers, with suggested teaching activities and learning resources to use in the classroom. This document is a guide offering advice, tips and ideas to help you plan your own lessons.
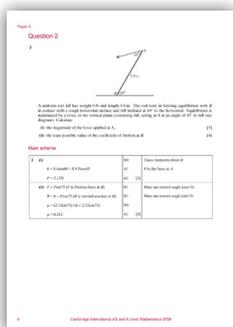
Example Candidate Responses (ECR)

The ECR booklets provide illustrative examples of candidate work at different levels of performance. Each answer is annotated with examiner comments on why an answer achieved the awarded mark and any mistakes the candidate has made. The examiner explains how the candidate could have improved their answer, and lists common mistakes made in this question across all candidates who sat the exam. This resource will help you to explain and demonstrate the required examination standard to your learners.

This syllabus includes changes to the assessment structure, assessment objective weightings and syllabus content when compared to previous series. The current ECR is based on a pervious series, so please use with caution. The general question-types are the same but there are changes to the mark scheme and how it is applied in this syllabus. New ECR booklets will be made available after the first examination of this syllabus. See our Specimen Paper Answers booklet for an idea of how the new mark scheme will be applied to the new examination papers.

Coming soon

Specimen Paper Answers

This booklet exemplifies high-standard examination responses for the new Cambridge International AS & A Level Mathematics syllabus and assessment structure. Use this resource to develop your learners' understanding of what is required to gain marks based on answers written in the style of an AS & A Level candidate. The Specimen Paper Answers will be available in April 2018 on the School Support Hub.

Learner Guide

Learners can use this guide to develop an understanding of the Cambridge International course and how it will be assessed, helping to increase their confidence. The guide describes each exam paper and includes useful advice to help your learners understand what to expect in the Cambridge International exams, and how to plan their study and revision programme. There is also an Example Candidate Response for one question to help demonstrate the Cambridge International standard. For all Cambridge International AS & A Level subjects we also recommend our *Learner Guide: Planning, Reflection, Revision*, which can be used in the classroom and for independent study. The Learner Guide will be available in late 2017 on both the public website and the School Support Hub.

Parallel delivery with Cambridge International AS & A Level Further Mathematics (9231)

This useful document provides a suggested two-year plan for teaching Cambridge International AS & A Level Mathematics (9709) in parallel with Cambridge International AS & A Level Further Mathematics (9231). If you are teaching both courses, we suggest that you use this plan alongside the Schemes of Work for each syllabus. The parallel delivery resource will be available in late 2017 on the public website and the School Support Hub.

Other support

The **School Support Hub** hosts an active Mathematics forum, which is a great way for you to keep up to date with your subject. Ask questions, get the latest information and connect with other Cambridge International teachers around the world. You can also upload your own resources for the community to use, and access resources shared by others.

The Cambridge International **public website** contains a list of textbooks and other suggested resources for Cambridge International AS and A Level Mathematics. Click on the 'Support material' tab of the subject page. Many of our syllabuses are supported by a range of different endorsed textbooks to ensure that schools have choice. Teachers are advised to choose the textbook that best suits their needs. There is information on the back of endorsed textbooks about which examination series it was first produced for.

Endorsed resources go through a rigorous quality-assurance process to make sure they closely reflect the syllabus and are appropriate for Cambridge International schools worldwide. Resources may be 'endorsed for full syllabus coverage' or endorsed to cover specific sections, topics or approaches. Look for the specific 'endorsed for' logo on the resource. The following will be available in March 2018:

Collins
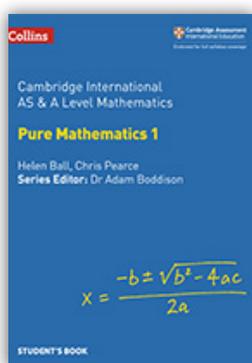
Pure Mathematics, Probability and Statistics, and Mechanics Student's Books

Hodder Education
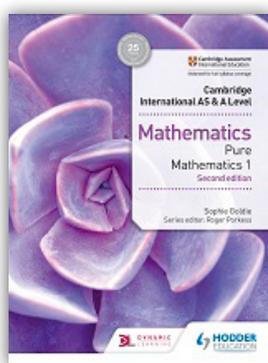
Pure Mathematics, Probability and Statistics, and Mechanics textbooks; a Workbook, and Student and Whiteboard eTextbooks

Cambridge University Press
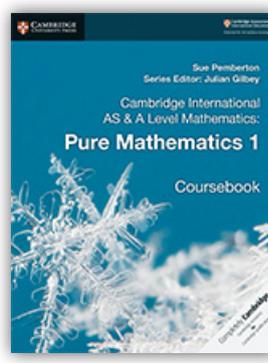
Pure Mathematics, Probability and Statistics, and Mechanics coursebooks and practice books; and a Teacher's resource