GCSE (9–1)

MATHEMATICS J560

OCR
Oxford Cambridge and RSA

Support highlights

We've collated links to some of our core resources into this one-stop guide. These highlighted resources will enable you to get up to speed quickly in the classroom and support your students in preparing for assessment. They include materials that will focus your teaching on individual abilities of students, help determine their capabilities and above all save you time. Many more resources are available from the OCR website.

Specification

Download the Specification

Our GCSE (9-1) Mathematics specification shows how the required content progresses through the qualification over three columns. Knowing how these columns of content can appear in the question papers can greatly help you focus your teaching time for different abilities of students.

- **'Initial learning column...'** - All students should know this content. The earlier questions on Foundation tier papers will mostly focus on content from this column, but some of the later questions may also assess content from this column too.
- **'Foundation tier column...'** - All students should know this content. At Foundation tier, this content will mostly be assessed in the second half of the question papers.
- **'Higher tier column...'** - Only Higher tier students need to know this content. This content will mostly be assessed in the second half of the Higher tier question papers.

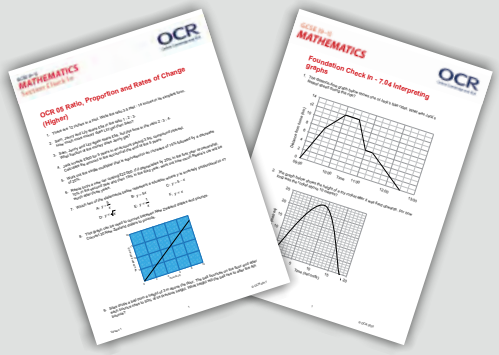
We've also included examples of content all through the specification, indicating clearly the required level of demand.

Check In tests and Section Check In tests

Download these resources

Our Check In tests and Section Check In tests are short sets of questions on a particular topic or content area. You can use them to aid diagnostics, as in-class assessments, homework or whichever way you prefer. Questions cover AO1 (routine), AO2 (reasoning) and AO3 (problem solving).

- We have over 100 Check In tests (10 questions and an 11th extension question, with solutions and RAG grids) on individual topics. These are available at Initial, Foundation and Higher levels, which follow the three columns in the specification.
- 24 different Section Check In tests (20 questions, with solutions and RAG grids) cover the 12 content areas at Foundation and Higher tier.



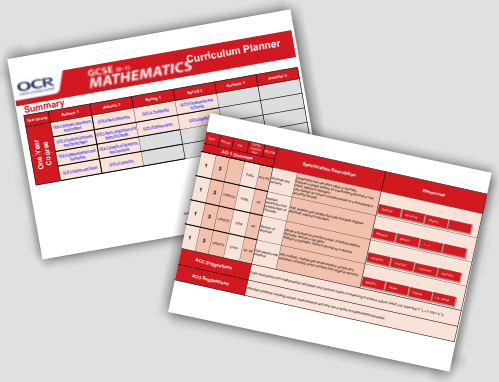
Curriculum Planners (Schemes of Work)

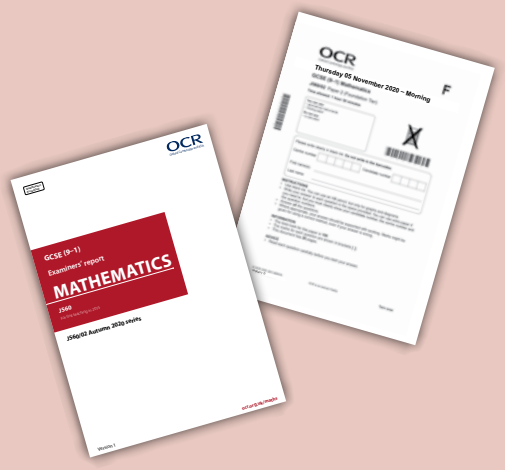
Download these resources

Our Curriculum Planners are editable Schemes of Work, setting out the GCSE (9-1) Mathematics content for delivery over a time frame that is relevant to you.

- Two-year Foundation tier
- Two-year Higher tier
- One-year Foundation tier (covers all the content required to achieve at this tier)

Each Curriculum Planner includes links to a range of resources.





You may also like

Assessment materials

Access past papers, mark schemes and examiners' reports available from the OCR website.

New resources to support you

Alternative Papers

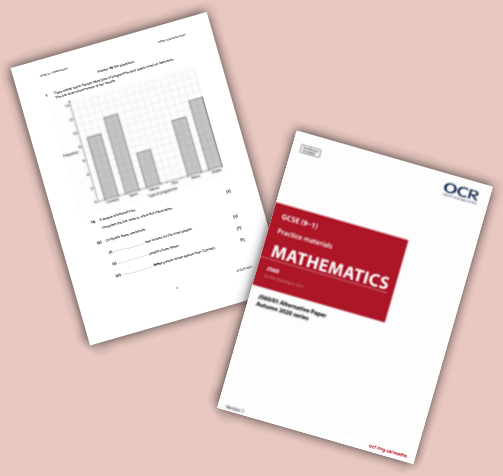
OCR's Alternative Papers are amended versions of the question papers from a particular series. The wording and topics assessed are essentially the same as the original paper, but the responses students need to make will be different. Using both the Alternative Paper and the corresponding original question paper with your students at different points in the year will allow you to monitor how their learning has progressed in the time between the two papers. The Alternative Papers based on the November 2021 series will be available on Interchange Spring term 2022.

Grades 4-5 Practice Materials

These practice materials can be used to support students who are targeting grades 4-5 and are comprised of questions taken from previous series. The Grades 4-5 Practice Materials will be available on Interchange by the end of 2021.

Exambuilder Topic Tests

These feature a selection of questions on one of the 12 content areas of the J560 specification and are available at both Foundation tier and Higher tier.



Professional Development

Ask the Examiner

This online event is a unique and interactive opportunity to engage with an examiner on the issues that matter most to you. They will answer your questions on GCSE (9-1) Mathematics and its assessment to help you teach and deliver this qualification.

Understanding The Assessment: Mark schemes and marking training

In this webinar, we will help you to become familiar with mark schemes and marking for the OCR GCSE (9-1) Mathematics qualification. We will take a look at:

- When and where marks should be awarded
- Different types of marks
- The terminology and acronyms used in the mark schemes.

We will also review examples of different student responses and how they were marked, to help you understand marking policy. This will enable you to mark mock assessments in school more confidently, as well as to understand the marking of candidate responses from live assessments.

Find an event

Both of these CPD events will be available as part of our professional development programme.

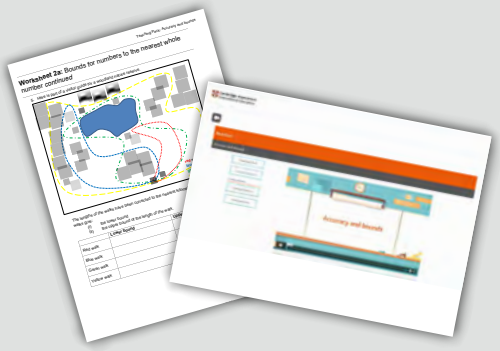
See our range of courses using the 'Find an event' search tool.

Cambridge Assessment resources

Resource Plus from Cambridge International

These digital resources are now available to all OCR teachers free of charge. There are many resources on this site that can be used when teaching OCR GCSE (9-1) Mathematics. One example is the Accuracy and Bounds topic, which includes a Teachers Pack containing four lesson plans and activity sheets, PowerPoints for use in each lesson, a video and some practice questions.

Please note that not all resources on this website may be appropriate for teaching the OCR GCSE (9-1) Mathematics qualification.

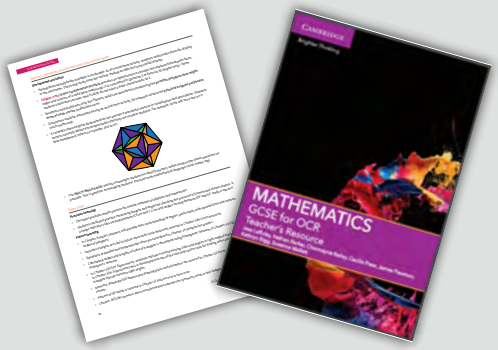


Publisher materials

Cambridge University Press

Cambridge University Press is our publisher partner for mathematics. We've worked with them to bring you a wider range of resources than ever before, both online and print. Resources include student books, problem-solving books and homework books.

Download the Teacher Resource to use in conjunction with print resources.



GCSE Mathematics Online

This online learning platform follows the OCR endorsed textbooks for GCSE (9-1) Mathematics from Cambridge University Press. Each chapter on the site contains the relevant section of the Student book and a chapter quiz. Each chapter is broken down further into sub-sections, which consist of detailed content, resources and questions at a range of levels.

Hodder Education

Hodder Education has produced Student Books and eTextbooks for OCR GCSE (9-1) Mathematics that have been endorsed by OCR.

Other resources

BBC Bitesize

BBC Bitesize features a dedicated section of support for the OCR GCSE (9-1) Mathematics qualification, including explanations, examples, questions and a glossary for each topic area.

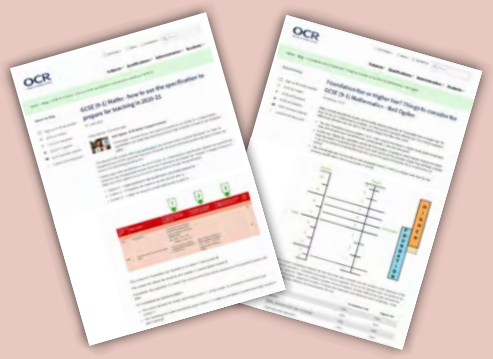
Seneca Learning

Seneca Learning is available at both Foundation tier and Higher tier. The content listed is in the same order as in the OCR GCSE (9-1) Mathematics specification.

Standardised Assessments are available at both tiers, although not all of the OCR GCSE (9-1) Mathematics content is covered.

In addition, at Higher tier, there is a Diagnostic Misconceptions section containing practice questions and highlighting common misconceptions.

The resources mentioned above are free for teachers, students and parents. A paid for web service is also available from Seneca Learning.



Keep connected

GCSE (9-1) Maths - how to use the specification to prepare for teaching in 2020-21

In this blog we look at how the layout of content in our GCSE (9-1) Mathematics specification can really help teachers to focus their schemes of work to suit students' ability.

Foundation tier or Higher tier? Things to consider for GCSE (9-1) Mathematics

Foundation tier or Higher tier

Here we look at some of the differences between the two tiers of GCSE (9-1) Mathematics and how this can affect the questions that can come up on the papers.

Don't forget to check the OCR maths subject page regularly for the latest updates and support from your subject advisor team.

Get in touch

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