



GCSE (9–1) Mathematics Resources

To support schools, we have gathered together all our resources for GCSE (9–1) Mathematics in one place.

All the resources listed here are available from the GCSE Maths Qualifications website, the Maths Emporium or our Teaching & Learning Secondary Maths website.

In order to access these materials, please ensure you complete the following steps before clicking on any of the support in this document.

Step 1

Log in to [Edexcel Online](#) and the [Maths Emporium](#) by clicking the links below.

If you don't have login details for either of these, [find out more now](#).

[GCSE Maths Qualifications](#)



[Maths Emporium](#)



Step 2

Navigate to the type of resource you are looking for.

Step 3

Click on any of the boxes to download your free GCSE Maths resource.

What type of resource are you looking for?

[Content Guidance](#)



[Classroom Resources](#)



[Key Stage 3 Resources](#)



[Training](#)



[Past Papers & Mocks](#)



[Other Maths Qualifications](#)



[GCSE Resources](#)



[Coming Soon!](#)



We will be supporting you and your students every step of the way with the 2021 summer arrangements. On this page you will find just some of the resources we have available which you might find helpful in making your teacher assessed grade decisions. For more information, please visit our [GCSE Maths Summer 2021 Support page](#) .

All of the resources listed below can be found in our dedicated [Summer 2021 support cabinet](#)  in the Maths Emporium and on our [GCSE Maths qualification page](#). .

Topic Tests

We have produced additional assessment materials to support teachers in the classroom. Each assessment contains a set of past paper questions, mark schemes, extracts from examiner reports, a mapping table and student performance data.

These additional assessment materials are a collection of past paper questions that are grouped by topic. Each assessment is approximately 50 marks and the questions have been ramped in order of difficulty.

Grade Descriptors

Grade descriptors are available for grades 8, 6, 5, 4 and 2. These are to help support you in reaching your decision about a student's performance for Summer 2021. These descriptors give an indication of secure performance at the mid-point of each grade.

GCSE Maths Shadow Paper Nov 2020

These papers take the November 2020 papers as a basis and then contexts and values in the questions are modified, making them unique. They all come with fully updated mark schemes. This means existing grade boundaries and data can be used when analysing your students' results. These join the set of existing shadow papers from previous live series.

Themed Papers

Great off the shelf support – there are 51 Foundation and 56 Higher Tier short papers organised by theme. They are compiled using past questions from live series, mock sets and specimen papers and include question papers, student-friendly mark schemes, student performance data on each question and worked solutions.

GCSE Mathematics Skills Mapping Grids

The Skills Mapping Grid contains ResultsPlus data for all questions from past exam series. This mapping grid is intended to support you by providing the topic area, specification references, skills tested, and assessment objective targeting, as well as student performance data taken from ResultsPlus for each question so that you are able to compile the data for practice tests to support your students and help inform teacher assessed grades.

Topic Tests (20-30 marks)

Great off the shelf support. Using the GCSE Mathematics Skills Mapping Grid, we have compiled a series of short tests and mark schemes on a range of topics. Each test is approximately 20-30 marks and questions are ramped in order of difficulty. Question papers and student friendly mark schemes are included.

Practice Sets 14 to 17

These join 13 existing practice sets available on the Maths Emporium. These practice tests use past GCSE and International GCSE questions, comprising three 80-mark papers and accompanying mark schemes at each tier.

Content Guidance FAQs

[This booklet](#) provides details on how the specification is assessed, and supplies generic examples and relevant question references from recent exam papers and Specimen Papers (Sets 1 and 2) to exemplify this content, along with answers to frequently asked questions.



Enhanced Tiering Support

The Enhanced Tiering Support for Pearson Edexcel GCSE (9–1) Mathematics provides several tools to help you determine a suitable tier of entry for mock examinations. The Enhanced Tiering Support comprises:

1. **Tiering guidance** to show the key differences in content and assessment between the two tiers.
2. **Exemplification of performance at grade 4 and grade 5** which is a summary of mathematical skills that students achieving a secure grade 4/5 were able to demonstrate in summer 2018 and 2019 exams.
3. **Diagnostic tests** utilising questions and performance data from the summer 2018 and 2019 exams to help you determine a suitable tier for mock exams. These tests are designed for students who are targeting grade 4. Student-friendly mark schemes and Question Level Analysis (QLA) spreadsheets.



Teacher Guide to Command Words

[This document](#) provides some guidance around the use of command words in GCSE (9–1) Mathematics. This includes a table of command words with some commentary around what is expected from students when this command word is used and a few examples of exam questions to exemplify its use. A classroom poster of command words is also available here.



Teaching Guidance

[This booklet](#) provides information on each specification point in turn. For each specification point, the booklet provides information on:

- content guidance
- new topics to GCSE (9–1) Mathematics & new topics to Foundation Tier
- mapping to 1MA0
- learning objectives at both tiers.



New! KS3 Maths Progress (Second Edition)

Our new KS3 Maths course builds on our well-loved series, cutting-edge approaches, your feedback and more to boost students' confidence at KS3 and give them the best preparation for progressing to GCSE study and beyond.

[Explore the course guide](#)[Start a free trial](#)

The following resources are from the first edition of our **Maths Progress** course.



Baseline Tests

A set of 2 baseline tests with answer sheets, based on the KS3 Maths Progress Textbooks. Separate tests are available for lower to middle attainers (Pi – Theta) and middle to higher attainers (Theta – Delta).

[Key Stage 3 Baseline Tests](#)

End-of-Term Tests

To support you in preparing your students for GCSE (9–1) Mathematics, our colleagues on the publishing team at Pearson have provided some of their KS3 assessment materials for free. The KS3 assessments can be used in conjunction with Pearson's five-year schemes of work (three-year KS3/two-year GCSE).

[Lower Attainers \(Pi\)](#)[Middle Attainers \(Theta\)](#)[Higher Attainers \(Delta\)](#)

Past Papers

Past papers since the first sitting in June 2017.

[June 2017](#)[November 2017](#)[June 2018](#)[November 2018](#)[June 2019](#)[November 2019](#)[November 2020](#)

Mock Papers

Each Mock Set contains a complete set of Foundation and Higher Tier question papers, word versions, modified versions and mark schemes.

[Mock Set 1](#)[Mock Set 2](#)[Mock Set 3](#)[Mock Set 4](#)[Mock Set 5](#)[Mock Set 6](#)

Skills Maps

These provide a breakdown of the skills assessed in each question along with the student performance on each series and on each question.

[June 2017](#)[November 2017](#)[June 2018](#)[November 2018](#)[June 2019](#)[November 2019](#)[November 2020](#)

Specimen Papers

Additional Specimen Sets have been created to provide further exam practice. These include a full set of Foundation and Higher Tier question papers and mark schemes.

[Specimen Set 1](#)[Specimen Set 2](#)**NEW**

Exemplars and Model Answers

Exemplar answers and examiner commentary on exam performance for all our past papers.

**NEW**

Mocks Service

[The Mocks Service](#) provides you with Pearson Edexcel GCSE (9–1) Mathematics exam papers for use in mock examinations. The papers are sat by students and marked by either Pearson examiners or the school teaching staff, with the results and item level analysis being made available via ResultsPlus. More information can be found on our website.



YouTube live lessons We delivered live lessons to all GCSE-level students on YouTube focusing on problem solving and reasoning skills and bringing maths to life in new ways. All delivered by our Credible Specialists.

Access
the
playlist
here



Summer 2021 Exam Support

We are supporting you and your students every step of the way with the 2021 examination series. We are working really hard to provide you with new support to help your students get back on track despite the ongoing impact of the Coronavirus outbreak. All our newly released support for the Summer 2021 exams can be found [here](#).

Bronze, Silver & Gold AO3 Papers

We have taken the problem-solving (AO3) questions from past papers and created differentiated practice papers with mark schemes provided.

Mock Set 1



SAMs & Specimen Sets



Mock Set 2



June 2017



November 2017



November 2019



Shadow Papers

These papers take the past papers as a basis and then contexts and values in the questions are modified, making them unique. They all come with fully updated mark schemes. This means existing grade boundaries and data can be used when analysing your students' results.

June 2018



November 2018



June 2019



November 2019



Common Question Papers

We have collated the common questions between Higher and Foundation Tier to create exam practice targeted at grades 4 and 5. We have also provided student performance data on Foundation and Higher Tier across grade 4 and 5.

[Mock Sets 1, 2 & 3](#) [June 2017](#) [June 2018](#) [June 2019](#) [SAMs & Specimen Sets](#) [November 2017](#) [November 2018](#) [November 2019](#) 

'Aiming for' Practice Papers

We have created a bank of practice papers made of questions from past papers that specifically target grade 4, grade 7 and grade 9.

['Aiming for' 4](#) ['Aiming for' 7](#) ['Aiming for' 9](#) 

Problem-Solving Questions

We have created an additional 4 sets of problem-solving questions collated in exam-style practice papers as well as a complete set of 99 problem-solving questions from our past papers.

[Set 1](#) [Set 2](#) [Set 3](#) [Set 4](#) [99 problem-solving questions](#) 

Check-in Tests

A series of short check-in tests for every topic in both the Foundation and Higher Tiers.

[Foundation](#) [Higher](#) 

Free videos to assist the transition from GCSE to A level Maths

We have created engaging videos focusing on activities which help students to master the key skills that are needed at AS and A level. The topics are mainly those found in the overlap between GCSE and AS Mathematics. 

[Instruction guide](#) 

Extra Practice

Some additional assessment practice including topic tests and questions collated from our live assessments.

[Legacy Themed Papers](#)[Topic Tests – Foundation](#)[One-Mark Questions](#)[Topic Tests – Higher](#)

Redesigned Papers

We have redesigned past papers to provide our assessments in a different form.

[1MA1 as O-Level Style booklets](#)[Reordered Past Papers](#)

GCSE (9–1) Mathematics Resources*

Our GCSE resources give your students the best preparation for GCSE and beyond. We even have a brand-new edition available now!

Explore Pearson Edexcel GCSE (9–1) Mathematics Second Edition:

[Explore the course guide](#)[Start a free trial](#)

You can find samples of our Purposeful Practice Books here:

[Purposeful Practice](#)

We also have intervention and revision resources to support you every step of the way:

[Target Intervention Resources](#)[Pearson Revise](#)

* No paid-for products and services are required to deliver Pearson Edexcel qualifications.

Schemes of Work

We have provided schemes of work to cover 1, 2, 3 or 5-year teaching as well as the KS3 to GCSE transition.

[Interactive Scheme of Work](#)[1-year Scheme of Work](#)[2-year Scheme of Work](#)[3-year Scheme of Work](#)[5-year Scheme of Work](#)[KS3-to-GCSE Transition](#)

Classroom Posters

We have provided a series of classroom posters for:

- Command Words
- Geometrical Reasoning
- Conversions
- Need-to-know Formulae.



GCSE Maths Revision Posters

3 sets of Pearson Revise Posters (6 in total) and an accompanying Teacher Revision Guide which focus on the topics new to Foundation and Higher Tier in the GCSE (9–1) Mathematics specification.



Supporting Worksheets

These provide a breakdown of the skills assessed in each question along with the student performance on each series.

[Foundation Tier Unit Worksheets](#)[Higher Tier Unit Worksheets](#)[Revision Boards](#)

Mapping to Other Qualifications

Foundation and Higher Tier 1MA1 mapped to:

- 1MA0 (legacy GCSE Maths)
- International GCSE
- Edexcel Certificate in Maths.



Getting Ready to Teach Classroom Resource Pack

A bank of resources provided by our Getting Ready to Teach trainers which support teaching the new topics for GCSE (9–1) Maths Foundation and Higher Tiers.



Support for Lower Attainers

Access to Foundation Tier teaching and learning resources to support lower attainers.

[Scheme of Work, Diagnostics and mapping to Entry Level Certificate in Maths](#)[Unit Resources and Lesson Ideas](#)[Support and Resources Interactive Guide](#)

Past Training Recordings

We have made available all [our past training](#) including:

- Launch Events
- Getting Ready to Teach
- Feedback on Exam series
- Mocks Marking Training
- Online Live Clinics



Training and Events

[Here](#) you can find all the information you need on upcoming training events, network events and live online training events, as well as feedback on exam series recordings. All designed to help you deliver Pearson Edexcel GCSE (9–1) Mathematics with confidence.

Our Autumn term 2020 network events are all available on YouTube and our Spring 2021 events are being uploaded as they happen



Coming Soon!

We are constantly working on new and updated resources to make sure you are fully supported in delivering Pearson Edexcel GCSE (9–1) Mathematics. Here are just a few of the resources you can look forward to in the coming months.

GCSE Maths Mock Set 7

Support for non-exam year groups

Our new Maths podcast – The Right Angle – new episodes coming soon!



As well as GCSE (9–1) Mathematics, we offer lots more qualifications at level 1 and 2. We provide Past Papers, Mocks, Specimen Papers as well as classroom resources and practice papers for these qualifications available in the Maths Emporium. 

For more information on current specifications from our Qualifications website click the 

[Legacy GCSE Maths 1MA0](#)



[Linked Pair Pilots 2AM01 & 2MM01](#)



[International GCSE Maths Spec A 4MA1](#)



[International GCSE Maths Spec B 4MB1](#)



[International GCSE Maths Further Pure 4PM1](#)



[Edexcel Awards in Number & Measure Level 1 and 2 ANM10 & ANM20](#)



[Edexcel Awards in Statistical Methods Level 2 and 3 AST20 & AST30](#)



[Edexcel Awards in Algebra Level 2 and 3 AAL20 & AAL30](#)



[GCSE Statistics 1ST0](#)



[Legacy GCSE Statistics 2ST0](#)



[Entry Level Certificate in Maths NMA0](#)



Edexcel Online

If you are unsure whether you have Edexcel Online login details, please contact your Exams Administrator in the first instance. They manage the Edexcel Online accounts for your centre and will be able to give you access to download materials or set you up with login details.

Maths Emporium

If you are not registered with the Maths Emporium, you can sign up using the Login/Register button at www.mathsemporium.com. When registering it is important you use a school email address and enter your centre number. This helps us verify who is requesting access to this bank of resources. It usually takes around 24 hours for your registration to be accepted.

You also have...

Your Mathematics and Statistics subject advisor

UK phone: **0344 463 2931**

Intl phone: **+ 44 (0)344 463 2931**

Email/live chat: [Contact us here!](#)

Twitter: [@EmporiumMaths](#)

Sign up for subject advisor updates

