



## AS and A level Further Mathematics Resources

We have gathered all our free resources for AS and A level Further Mathematics in one place for our AS and A level qualifications.

All the resources listed here are available from the AS and A level Further Mathematics Qualifications web page, Maths Emporium and our Teaching & Learning Secondary Maths web page.

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

Login 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](#).

### Step 2

Navigate to the type of resource you are looking for.

### Step 3

Click on any of the boxes to download your free AS and A level Further Maths Resource.

## What type of resources are you looking for?

## Specifications

[AS Further Mathematics Specification](#) 

[A level Further Mathematics Specification](#) 

[Mathematical Formulae and Statistical Tables](#) 

## Sample Assessment Materials and Model Answers

### Sample Assessment Materials

[AS Further Mathematics](#) 

[A level Further Mathematics](#) 

### Sample Assessment Materials Model Answers

– AS Further Mathematics

[AS Further Mathematics](#) 

### Sample Assessment Materials Model Answers – A level Further Mathematics

[Core Pure Mathematics](#) 

[Further Pure Mathematics 1 and 2](#) 

[Further Statistics 1 and 2](#) 

[Further Mechanics 1 and 2](#) 

[Decision Mathematics 1 and 2](#) 

### Content Exemplification

This booklet exemplifies the AS and A level Maths content with examples of associated questions from the relevant Sample Assessment Materials (SAMs).

#### **AS and A level Further Mathematics content Exemplification**

These booklets detail the content references and provide sample questions for each content topic taken from the Sample Assessment Materials.

#### **AS Further Mathematics Sample Assessment Materials Exemplification**

#### **A level Further Mathematics Sample Assessment Materials Exemplification**

### Qualifications and Assessment Guide

This guide provides an overview of the GCE Mathematics and Further Mathematics qualifications and assessment, and outlines the high-quality support and resources you can expect from the Pearson Mathematics qualifications team.

#### **Qualification and Assessment Guide**

### Content Mapping to Other Qualifications

Mapping documents between the GCE 2008 and GCE 2017 AS and A level Mathematics specifications and to the textbooks, from our publishing team.

#### **Content mappings**

### Schemes of Work

We have provided schemes of work, for either Parallel or Consecutive delivery of Mathematics and Further Mathematics.

#### Parallel delivery:

[AS Maths and Further Maths – Parallel delivery](#) 

[A level Maths and Further Maths – Parallel delivery](#) 

#### Consecutive delivery:

[AS Maths and Further Maths – Consecutive delivery](#) 

[A level Maths and Further Maths – Consecutive delivery](#) 

### Course Planners

These documents have been compiled to help departments implement the specifications. A range of possible approaches to planning the course are provided, these are suggestions only and none are intended to be prescriptive (there are many teaching approaches and we are only listing a selection). Please refer to the schemes of work to aid the delivery of the content.

#### Parallel or Consecutive delivery with Mathematics and Further Mathematics

[AS and A level Further Mathematics Course Planner](#) 

### Interactive Schemes of Work

We've created a digital interactive scheme of work, tailored to the way you want to deliver our 2017 qualifications. Like a traditional scheme of work, our interactive scheme of work provides you with a guide for teaching the content, including a suggested teaching order, an idea of when to teach and how long to spend on each topic, and teaching prerequisites.

[Interactive Scheme of Work](#) 

### Baseline Tests

Sample Baseline tests and mark schemes for both AS and A level Further Mathematics. (Full set is available for Active Learn subscribers)

[Sample Baseline tests](#) 

### Extra Online Contents for Pearson Textbooks

Use these content finders to find Solution Bank, GeoGebra interactives and other supplementary resources for Pearson AS and A level Further Mathematics textbooks.

[Mathematics Extra content for all textbooks](#) 

[Core Pure Mathematics Book 1](#) 

[Core Pure Mathematics Book 2](#) 

[Further Pure Mathematics 1](#) 

[Further Pure Mathematics 2](#) 

[Further Statistics 1](#) 

[Further Statistics 2](#) 

[Further Mechanics Book 1](#) 

[Further Mechanics Book 2](#) 


[Decision Mathematics 1](#) 

[Decision Mathematics 2](#) 

### Use of Technology – GeoGebra Resources

This document contains links to interactive GeoGebra activities to help you teach the content of AS and A level Mathematics.

These can be used for teaching, or as students' aided or independent learning materials with Pearson Textbooks.

[A guide to use GeoGebra when teaching AS and A level Further Mathematics](#) 

### Casio calculators discount

We are working with Casio to bring you a special discount on two of their calculator models: FX-991EX advanced scientific calculator and FX-CG50 graphic calculator. You can find out more via this link.

**Casio calculators discount** 

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

### Past Papers

Past papers since the first sitting in June 2018.

[Past papers](#) 

### Exemplar Materials

Real student responses to questions in past papers, and how the examining team follow the mark schemes to demonstrate how the students would be awarded marks on these questions.

[Exemplar Student Responses](#) 

### Mock Papers

Each Mock Set contains a complete set of Core Pure, Further Pure 1, Further Statistics 1 and 2, Further Mechanics 1 and 2, and Decision 1 question papers, word versions and mark schemes.

[A level Further Mathematics Mock Papers](#) 

### Specimen Papers

Additional Specimen Sets have been created to provide further exam practice. These include a full set of AS and A level Further Mathematics question papers and mark schemes.

[AS Further Mathematics Specimen Papers](#) 

[A level Further Mathematics Specimen Papers](#) 

### Practice Papers

Practice papers are made up from appropriate legacy questions from past papers or from questions in the Pearson Textbooks.

[AS Further Mathematics](#) 

[A level Further Mathematics](#) 

### Exam-style Practice Papers

Exam-style practice papers and mark schemes for AS and A level Mathematics. Also available on Active Learn.

[AS Further Mathematics](#) 

[A level Further Mathematics](#) 

### 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.

[AS Further Mathematics - October 2020](#) 

[A level Further Mathematics - October 2020](#) 

### Practice Papers by topic

Practice papers for AS Further Mathematics by topic, compiled from legacy questions mapped to the new specification: Core Pure Mathematics, Further Pure Mathematics 1, Further Mechanics 1 and 2, Further Statistics 1 and 2, and Decision Mathematics 1.

[AS Further Mathematics by topic](#) 



## Live Events and Professional Development Events

### Upcoming Events

You can find all the information on upcoming training events, network events and live training events. All designed to support delivery of Pearson Edexcel AS and A level Further Mathematics.

### Upcoming Events

### Past Training Videos

We have made available all our past training events including:

- CPD Network events
- Resources to support teaching

### Past Training Videos

### Other related Level 3 Maths Specifications

As well as AS and A level Mathematics (2017), we offer lots more qualifications at level 2 and 3. 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, please visit our

**Qualifications website.** 



**Legacy A level Mathematics**



**A level Statistics**



**International Advanced Level Mathematics (IAL)**



**Advanced Extension Award**



**Edexcel Awards in Mathematics**



**Mathematics in Context (Level 3 Core Maths)**

## 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](http://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 Maths Emporium newsletter** 