

Year 10 Revision Evening - Maths

- GCSE Exam breakdown/tiering
- Dates
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- How to revise maths

GCSE Maths (Edexcel) – How the exams work

The final maths GCSE will be made up of three papers at the end of Year 11:

- Paper 1 (non-calculator)
- Paper 2 (calculator)
- Paper 3 (calculator)

Each paper is out of 80 marks and lasts for 1 hour 30 minutes.

The results from all three papers are added together to give a total score out of 240. This mark determines the overall GCSE grade.

How does maths GCSE tiering work?

Higher Paper

9 (the new A**)

8

7 (linked to an A)

6

5 (a good pass)

4 (linked to a C)

Foundation Paper

5 (a good pass)

4 (linked to a C)

3

2

1

Which tier will my child be sitting at the End of Year 10?

Class teachers will let students know which tier their class is sitting for the End of Year 10 Mock Exams.

This is not necessarily the tier they will be sitting for their GCSE but will give us an idea of which paper will be right for them at the end of year 11.

End of Year 10 Mock Exams

All assessments that students now complete in Year 10 and 11 will be GCSE papers.

As part of the End of Year 10 mock exams students will sit three papers:

- Paper 1 (non-calculator) – **Tuesday 24th June**
- Paper 2 (calculator) – **Thursday 26th June**
- Paper 3 (calculator) – **Friday 27th June**

Students will be given an overall grade for the three papers – this will be their end of year 10 grade.

Equipment for exams

Students will need to make sure they have their own maths equipment ready for these assessments and all future exams – we will not be able to lend equipment.

They must have:

- Black pens (useful to bring a spare!)
- Pencil
- Ruler
- Protractor
- Compass
- Scientific calculator for Papers 2 and 3

Calculators

It is really important for students to have their own calculator with them for all Maths lessons so that they are confident at using them before their exams.

These can be purchased via Arbor Pay or online/in supermarket etc.

Recommended Casio calculators:

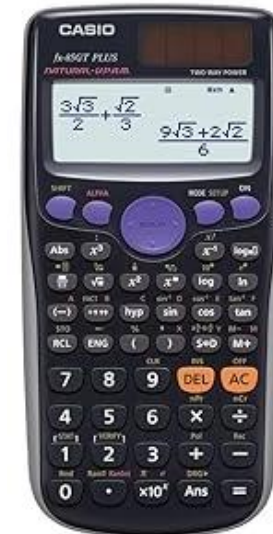
Classwiz fx-83GT CW
(new version)



Classwiz fx-83GTX
(old version)



Older Casio calculators of
this style will also work



Content of Mock Exams and Revision Lists

- Students will not be tested on any areas that have not already been covered in the Year 10 Scheme of Work by the time we reach the mock exams.
- Prior to the exams, students will be given a combined revision list for all three papers - this is the whole specification of the course they have learnt so far – this will be stuck into their **Skills Book**.
- A copy of the relevant revision lists will also be emailed home to all parents/carers.
- The topics on the revision list are split into areas and then in order of difficulty (see example on next slide).

Format of the Revision Lists

The following revision list contains all topics that could be tested in your end of Year 10 mock exams in June 2025.

All topics have been covered in Year 10, prior to the mock exams starting.

	Topic	Red	Amber	Green
Number	Basic Maths Skills (including with decimals)			
	Place Value (including ordering numbers/decimals)			
	Rounding (including decimal places and significant figures)			
	Negative Numbers (ordering and calculations)			
	Types of Number (even, odd, square, cube, root, prime, factor, multiple)			
	BIDMAS			
	Using a Calculator			
	Money Problems			
	Fractions (of an amount, equivalent, simplifying, ordering, improper)			
	Function Machines			
	Error Intervals			
	Evaluating Indices			
	Estimation			
	Calculations with Fractions and Mixed Numbers			
	HCF, LCM and Product of Prime Factors			
	Standard Form (including calculations)			
Algebra	Coordinates			
	Collecting Like Terms/Simplifying Algebraic Expressions			
	Writing Algebraic Expressions			
	Substitution (including worded formulae)			
	Expanding Single Brackets (including simplifying)			

How to revise maths

The best way to “learn” maths is to “**do**” maths!

Looking through their skills book will not work; they **MUST** practice - aim for “little and often”.

Targeted topic revision is best at this stage – past papers are much more useful towards the end of Year 11, when students have covered the majority of topics.

Remember to revise/practice topics they find more difficult, not just things they are already good at!

Identifying which topics to revise

Students should be using the following to help them identify which areas they need to revise:

- Using the RAG rating from the End of Year 10 Mock Exam revision list
- Unit Sheets (in their Skills Books)

Students can also speak to their maths teacher for more advice.

What to do?

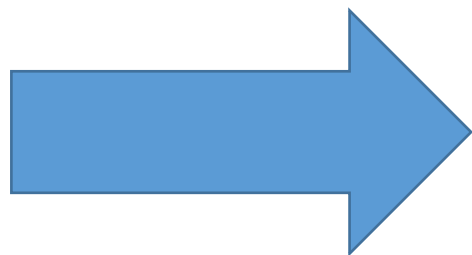
As well as completing home learning tasks which are set by their teacher, students should also aim to do additional independent revision on topics they feel less confident on by:

- Redoing past home learnings
- Completing questions from an online source/website

Online websites to help

- Maths Genie
- Corbett Maths
- 1st Class Maths
- BBC Bitesize
- Lots of other websites... as long as they have GCSE maths all will work

Welcome to Maths Genie



GCSE Revision

Video tutorials, practice exam style questions and answers.

Edexcel GCSE Papers

Edexcel GCSE past papers with model solutions and video explanations.

AQA GCSE Papers

AQA GCSE past papers with model solutions.

OCR GCSE Papers

OCR GCSE past papers with model solutions.

A Level Revision

Video tutorials, practice questions and answers.

Maths Genie will always be free.

Search Maths Genie



Upcoming GCSE Exams

GCSE Paper 1: Friday 19 May 2023 (AM)

9d 18h 14m 47s

GCSE Paper 2: Wednesday 07 June 2023 (AM)

GCSE Paper 3: Wednesday 14 June 2023 (AM)

Statistics Paper 1: Monday 12 June 2023 (PM)

Statistics Paper 2: Monday 10 June 2023 (PM)



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Videos and Worksheets

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2D shapes: quadrilaterals [Video 2](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: names [Video 3](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: nets [Video 4](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: vertices, edges, faces [Video 5](#) [Practice Questions](#) [Textbook Exercise](#)

Addition: column method [Video 6](#) [Practice Questions](#) [Textbook Exercise](#)

GCSE Revision Cards

Available for GCSE Higher or Foundation Tier



5-a-day Workbooks



Primary Study Cards

HOME	REVISION	EXAM PAPERS	SPICY QUESTIONS
	GCSE (Edexcel)		
GCSE Revision (Edexcel)	GCSE (AQA)	Level 2 Further Maths Revision	GCSE Topic Frequency Analysis
GCSE Papers (all boards)	A-level		
	L2 Further Maths	Level 2 Further Maths Past Papers	Practice Papers (The ones I make)
	Topic Appearance %		
	Key Topics (P2/3)		

Please note: not all topics have revision questions on this website

Any questions?

Email:

elucas@ringwood.hants.sch.uk

knichols@ringwood.hants.sch.uk