

# Mathematics: Year 11 Mock 1 2021

## GCSE Exam Structure

There are no changes to the GCSE Maths Exam for 2022. There are 3 examinations in the summer:

<b>Paper 1 Non-Calculator</b> 1 hour 30 minutes 80 Marks
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<b>Paper 2 Calculator</b> 1 hour 30 minutes 80 Marks
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<b>Paper 3 Calculator</b> 1 hour 30 minutes 80 Marks
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Your mocks will have the same structure but the papers will have been edited to only contain content that you have been taught.

## Being Organised

Every pupil will be provided with a folder in which to keep their practice papers, which will be done on a weekly basis after half term. **Revision takes place by practising what you already know then identifying what you find difficult. Hegarty Maths can then be used to improve your understanding.** Your teachers will tell you which questions that you should definitely answer and which you will find more difficult, providing Hegarty References for these.

As we approach the summer, you should revisit old papers, attempting the questions that you could not do or had left out because those topics had yet to be covered.



Higher Skills List

Number

Topics	Clip Number	R	A	G
Calculating with roots and fractional indices	108, 109, 110			
Converting recurring decimals to fractions	53, 54			
Surds: Definition and estimating	111, 112			
Surds: Simplifying, multiplying and dividing	113, 114, 115			
Surds: Expanding brackets	116, 117			
Surds: Rationalising the denominator	118, 119			
Upper and lower bounds	137, 138, 139			
Error intervals	777			
Best buys	770			

- Instructions**
- Use black ink or ball point pen.
  - Fill in the boxes at the top of this page with your name, centre number and candidate number.
  - Answer all questions.
  - Answer the questions in the spaces provided – there may be more space than you need.
  - You must show all your working.
  - Diagrams are NOT accurately drawn, unless otherwise indicated.
  - Calculators may not be used.
- Information**
- The total mark for this paper is 80.
  - The marks for each question are shown in brackets – use this as a guide as to how much time to spend on each question.
- Advice**
- Read each question carefully before you start to answer it.
  - Keep an eye on the time.
  - Try to answer every question.
  - Check your answers if you have time at the end.



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## Exam Board Guidance

[Exam Board Specification.](#)

## Past Papers:

[Higher and Foundation available here \(need to select exam series first\)](#)

## Revision Check Lists (Hegarty References)

[Higher Tier](#)

[Crossover \(Grade 5 Foundation or Higher\)](#)

[Foundation](#)

## Other Online Material

[Mymaths.co.uk login: leonards password: fourteen](#)

## Independent Revision

The best way to revise maths is to do maths. You all have a textbook at home which has answers in the back. Remember to practice the things you find hard and use the examples in the textbook.