

# GCSE Maths: Exam Board: Edexcel

## GCSE Exam Structure

There are no changes to the GCSE Maths Exam for 2021. 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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## December Mock Exam Structure (30<sup>th</sup> November – 11<sup>th</sup> December)

<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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**March Mock Exam Structure** will be the same as December, building students' confidence as we near the summer exams. This has worked well in the past and gives them a chance to target their areas for improvement using the Question Level Analysis documents that we will provide.

## 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.

 [hegartymaths](https://www.hegartymaths.com)

Higher Skills List

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.

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			

Please check the examination details below before entering your candidate information.

Candidate surname	Other names
Centre Number	Candidate Number
Pearson Edexcel Level 1/Level 2 GCSE (9-1)	
<b>Mock Set 4 – Autumn 2018</b>	
Time: 1 hour 30 minutes	Paper Reference 1MA1/1H
<b>Mathematics</b> Paper 1 (Non-Calculator) Higher Tier	
You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser. Tracing paper may be used.	Total Mark

### 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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Turn over 

## 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](https://www.mymaths.co.uk) login: leonards password: fourteen

**Closure Catch Up** is taking place within lessons. This year students have an extra hour of maths every fortnight and the material covered during closure has been embedded within this year's scheme of work.

**Plan: Remaining Teaching Weeks to Mock Exams**

Week Beginning	Lesson Content	Revision Material	Homework	Revision Class
12 <sup>th</sup> October	Higher (Sets 1-2): Circle Theorems Higher (3-5): Constructions, Loci and Bearings Foundation (6-10): Probability	Key Skills in Class	Textbook and Hegarty	Targeted material for the forthcoming mocks
19 <sup>th</sup> October	Higher (Sets 1-2): Further Algebra Higher (3-5): Inequalities Foundation (6-10): Probability	Key Skills in Class	Textbook and Hegarty	
Half Term Homework	Two past papers (1 calculator, 1 non-calculator)			
2 <sup>nd</sup> November	Higher (Sets 1-2): Further Algebra Higher (3-5): Probability Foundation (6-10): Multiplicative Reasoning	Hegarty References based on Half term homework	Mock Set 4 Paper 1 Hegarty	Targeted material for the forthcoming mocks
9 <sup>th</sup> November	Higher (Sets 1-2): Vectors Higher (3-5): Probability Foundation (6-10): Multiplicative Reasoning	Hegarty References based on previous week's past paper	Mock Set 4 Paper 2 Hegarty	
16 <sup>th</sup> November	Higher (Sets 1-2): Vectors Higher (3-5): Probability Foundation (6-10): Constructions, Loci and Bearings	Hegarty References based on previous week's past paper	Mock Set 4 Paper 3 Hegarty	Targeted material for the forthcoming mocks
23 <sup>rd</sup> November	Higher (Sets 1-2): Vectors Higher (3-5): Multiplicative Reasoning Foundation (6-10): Constructions, Loci and Bearings	Hegarty References based on previous week's past paper	Practice Set 2 Paper 1	

**Plan: January to Summer Exams**

Half-term	Lesson Content	Revision Material	Homework	Revision Class
January to February	Higher (Sets 1-2): Algebraic Proportion, Gradient and Area under a curve Higher (3-5): Similarity & Congruence, Further Trigonometry, Cumulative Frequency/Box plots/Histograms Foundation (6-10): Further Algebra, Circles	Past papers/Hegarty	Past Papers: Mock Sets 2 & 3 Hegarty	Focus on improvements from December Mocks
February to April	Higher (Sets 1-2): Revision Higher (3-5): Quadratic graphs, Circle theorems, Further algebra, Vectors Foundation (6-10): Revision	Past papers/Hegarty	Past Papers: June 2018, Nov 2017 Hegarty	Focus on improvements from December/March Mocks
April to May	Higher (Sets 1-2): Revision Algebraic Proportion, Gradient and Area under a curve Foundation (6-10): Revision	Past papers/Hegarty	Past Papers: Nov 2018, Mock Set 1 Hegarty	Focus on improvements from March Mocks