

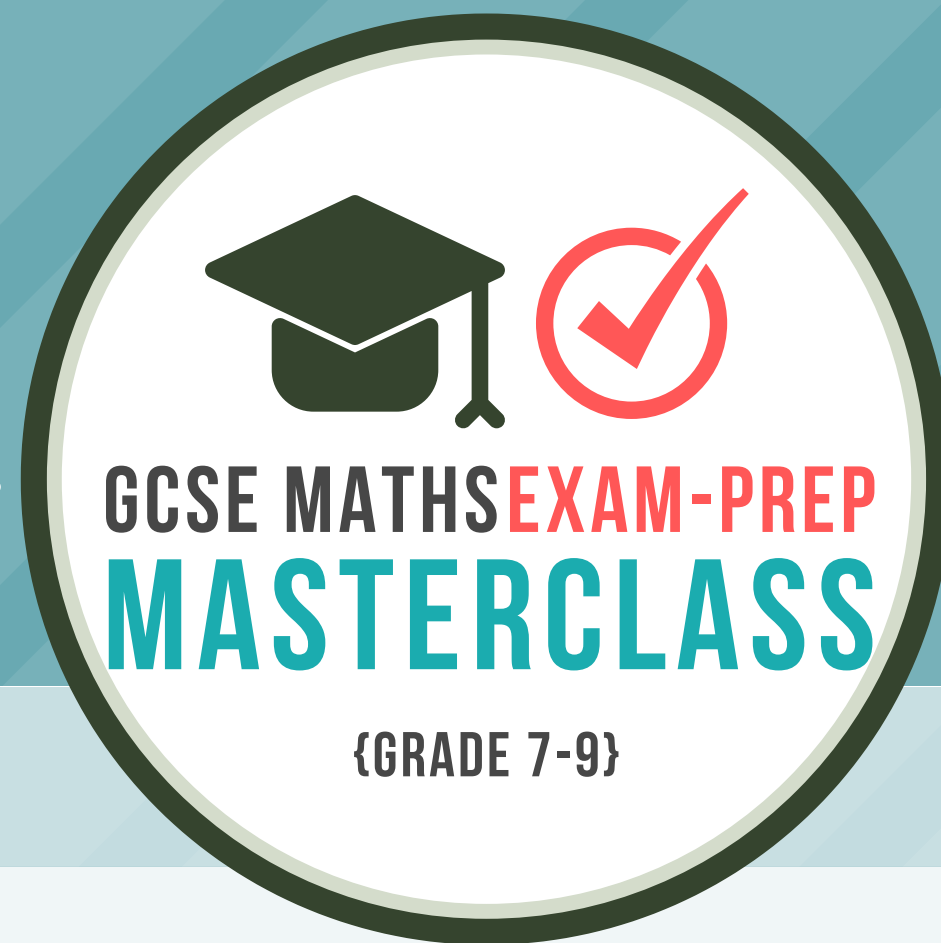
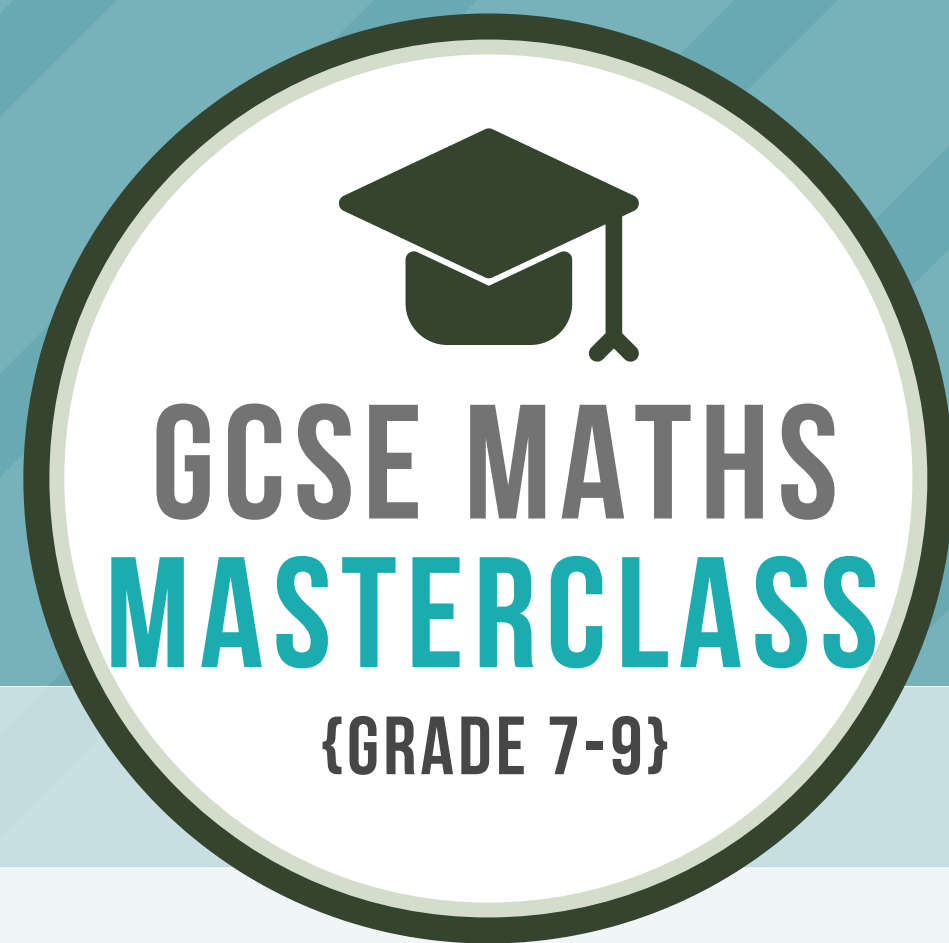
**Full Course Overview**  
**2022/23 Academic Year**

# KEY INFORMATION

PLEASE READ CAREFULLY

**Start date:** Saturday 1st April 10:00am

- Each lesson will be 1-2 hours long. Students are expected to have completed and submitted the required paper by 10pm the evening **BEFORE** the sessions.
- During the sessions, the Course Lead will be going over each question in detail by modelling the appropriate methods and showing exactly where marks are gained and lost.
- Students are expected to **SELF-MARK** their work, compare solutions and identify where they are making their mistakes.
- Students are encouraged to **UNMUTE** their mic to discuss alternative methods, and ask questions to address any misconceptions.
- The Course Lead is an experienced Qualified Maths Teacher and **GCSE Examiner**, and all advice and guidance provided is based on his/her professional experience.
- Students are also expected to catch up on any missed sessions and incomplete assignments.
- The sequence of papers covered may be subject to change. There may be additional Grade 7-9 resources added/removed from the course, as deemed appropriate by the Course Lead.



# COURSE TIMELINE

June 2022 - March 2023  
**GCSE MATHS GRADE 7-9  
MASTERCLASS**

Content mastery of all key  
Grade 7-9 maths topics with a  
heavy exam focus

April - June 2023  
**GCSE MATHS EXAM-PREP  
MASTERCLASS**

Main focus on exam structure, the markscheme,  
exposure to badly answered past exam questions,  
working on improving timing, fluency and  
developing strong exam habits.

**GCSE Exams**

Ready to go into  
the GCSE exams -  
confident in your  
own abilities to  
secure a  
Grade 7-9!

# Key Grade 7-9 Topics

ALL TOPICS COVERED IN GCSE MATHS GRADE 7-9 MASTERCLASS

## GRADE 6/7

Bounds  
Recurring Decimals  
Repeated Percentage Change  
Similar Shapes  
(Area & Volume)  
Enlarging with Negative s.f.  
Circle Theorems  
Expanding Triple Brackets

## GRADE 7

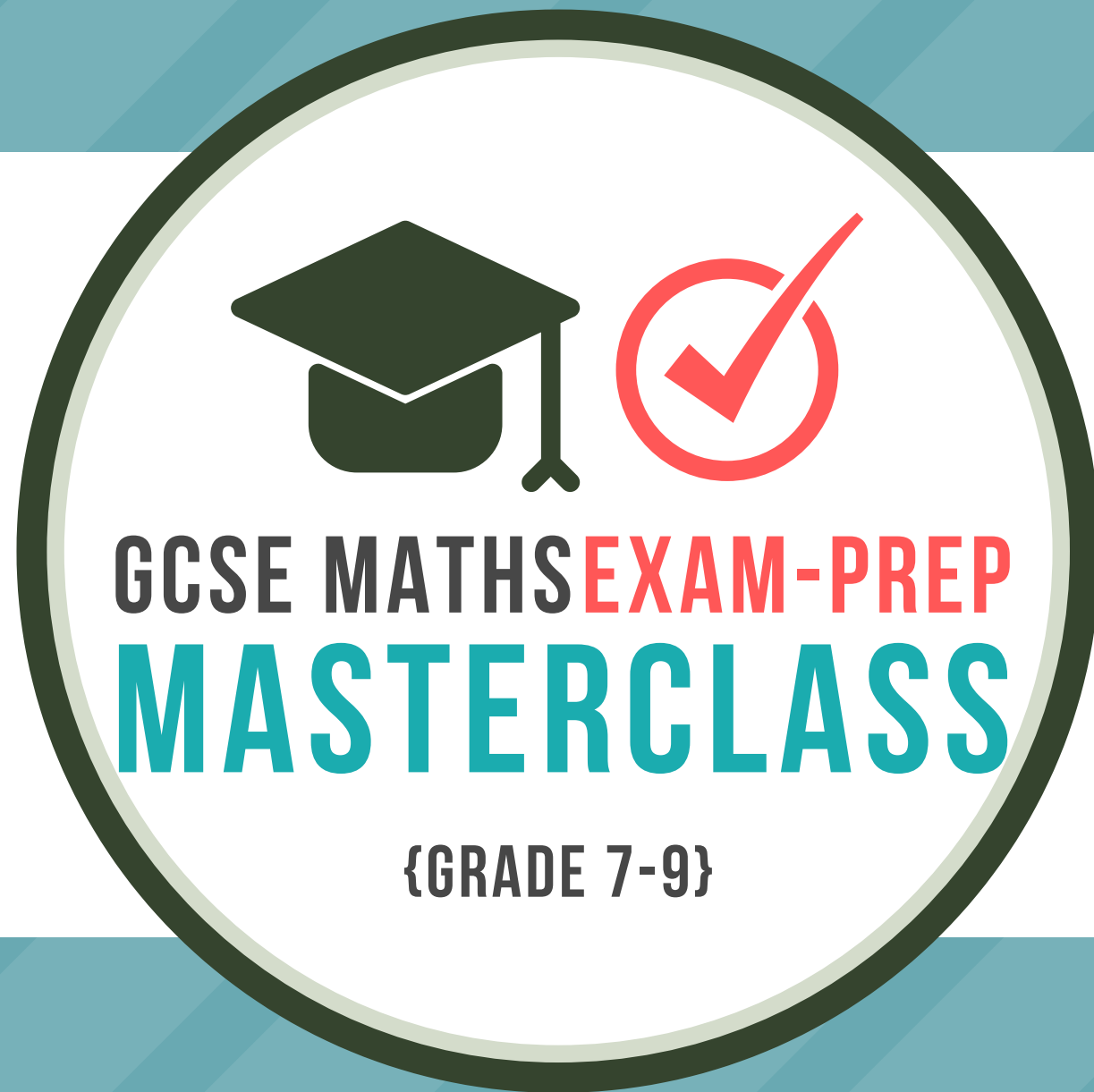
Quadratic Formula  
Factorising Harder Quadratics  
Algebraic Fractions  
Rearranging Harder Formulae  
  
Functions  
Iteration  
Direct and Inverse Proportion  
  
Further Trigonometry  
Congruent Triangles  
3D Pythagoras/ Trigonometry  
  
Surds  
Histograms

## GRADE 8

Quadratic Simultaneous Equations  
Completing the Square  
Quadratic Sequence  
Quadratic Inequalities  
Transforming Graphs  $y=f(x)$   
Vectors Proof Questions  
Exponential Graphs

## GRADE 9

Proof  
Velocity Time  
Graphs  
Circle Theorems Proofs  
Perpendicular Lines  
Equation of a tangent  
Probability Equation Qs



Pearson  
Edexcel

# What will we cover in the Exam-Prep Masterclass?\*

Students will be exposed to a wide variety of selected papers and resources, specifically targeted for students aiming for a Grade 7-9 in their GCSE Maths exams.

There will also be a mixture of ad-hoc last minute revision and drop-ins clinics to support students with their exam-prep.

\*MAY BE SUBJECT TO CHANGE



## Edexcel Official Problem-Solving Papers (Set A/B)

Edexcel have released these Problem Solving questions for students sitting the Higher tier.

### Grade 7-9 Problem Solving & Reasoning Question Set

#### Aiming for Grade 7

These papers have been designed to assess whether students are secure up to a Grade 7.

#### Aiming for Grade 9

These papers have been designed to assess whether students are secure up to a Grade 9.

### Most recent Practice Set Papers

#### Edexcel Spring Mock 2023

The most recent Edexcel Mock Paper released by Edexcel.

#### Edexcel November 2022 "Shadow" Paper

The most recent official paper series released by Edexcel

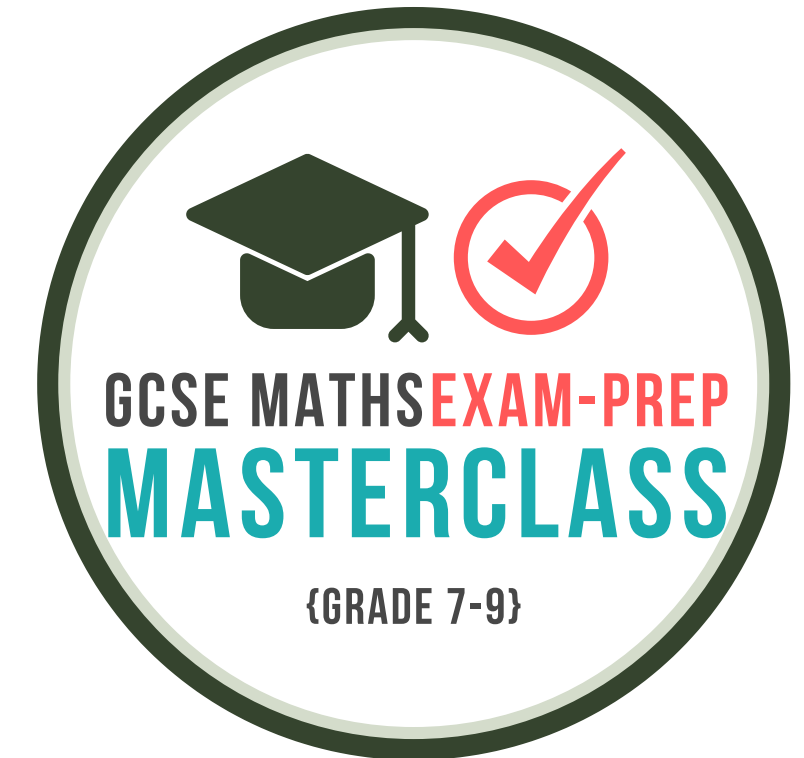
### 3 'Drop-in' sessions

Students can submit any questions from school or their own revision to the Drop-in sessions.

### 3 'Last minute' sessions

These will take place the day before each exam for last-minute questions and queries answered.

# APRIL 2023



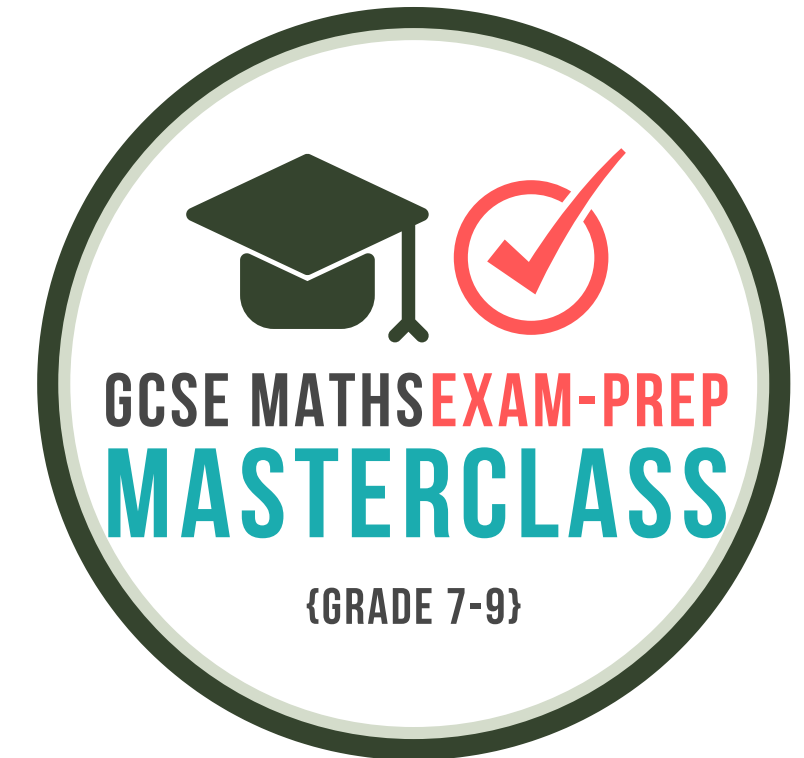
MON	TUE	WED	THU	FRI	SAT	SUN
					1 WELCOME <u>10AM</u>	2
3 SPRING 2023 MOCK 1H <u>3:15PM</u>	4	5	6 SPRING 2023 MOCK 2H <u>3:15PM</u>	7	8	9 SPRING 2023 MOCK 3H <u>10AM</u>
10	11 NOVEMBER 2022 1H <u>10AM</u>	12	13 NOVEMBER 2022 2H <u>10AM</u>	14	15	16 NOVEMBER 2022 3H <u>10AM</u>
17	18 PROBLEM SOLVING SET A <u>6PM</u>	19	20	21	22	23 PROBLEM SOLVING SET B <u>10AM</u>
24	25 GRADE 7-9 REASONING <u>6PM</u>	26	27	28	29	30 GRADE 7-9 PROB. SOLVING <u>10AM</u>

**WELCOME/  
ONBOARDING CALL  
SATURDAY 1ST APRIL  
10AM**

**EASTER HOLIDAYS  
SATURDAY 1ST APRIL  
- SUNDAY 16TH APRIL  
2023**

**AFTER EASTER  
EVERY TUESDAY  
& SUNDAYS**

# MAY 2023

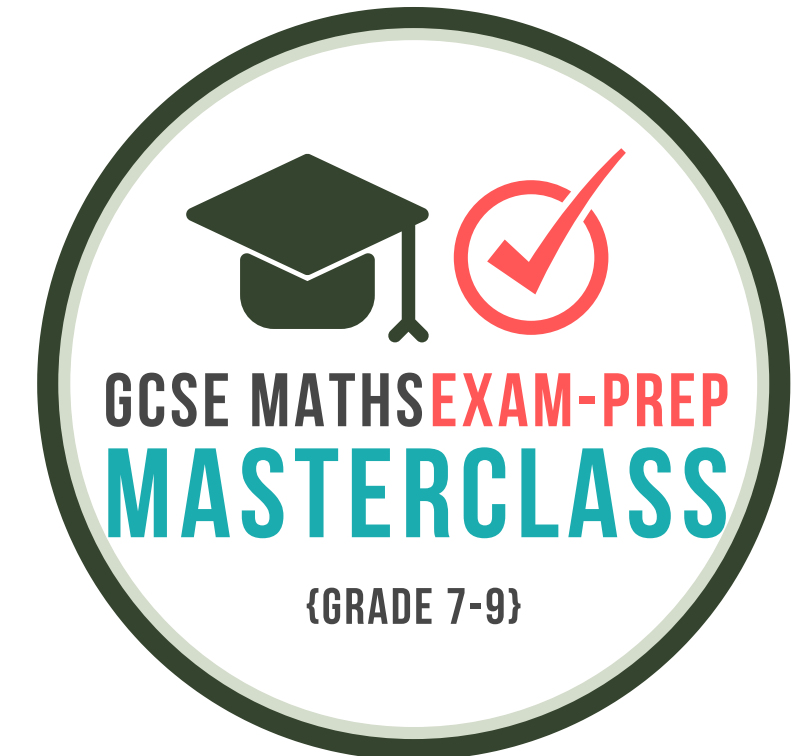


**MAY HALF TERM**  
SATURDAY 27TH MAY  
- SUNDAY 4TH JUNE  
2023



MON	TUE	WED	THU	FRI	SAT	SUN
1	2 <b>DROP-IN</b> <u>6PM</u>	3	4	5	6	7 <b>PRACTICE SET P1</b> <u>10AM</u>
8	9 <b>GRADE 7 NON-CALC</b> <u>6PM</u>	10	11	12	13	14 <b>GRADE 9 NON CALC</b> <u>10AM</u>
15	16	17	18 <b>LAST MINUTE</b> <u>7:30PM</u>	19 <b>Paper 1</b>	20	21 <b>PRACTICE SET P2/3</b> <u>10AM</u>
22	23 <b>DROP-IN</b> <u>6PM</u>	24	25	26	27	28 <b>GRADE 7 CALC P2</b> <u>10AM</u>
29	30 <b>GRADE 7 CALC P3</b> <u>TBC</u>	31				

# JUNE 2023

MON	TUE	WED	THU	FRI	SAT	SUN
			1 GRADE 9 CALC P2 TBC	2	3	4 GRADE 9 CALC P3 10AM
5	6 LAST MINUTE 7:30PM	7 Paper 2	8	9	10	11 DROP-IN 10AM
12	13 LAST MINUTE 7:30PM	14 Paper 3				



**OUR GOAL**  
ACHIEVE A  
GRADE 7-9  
IN GCSE MATHS!



**GCSE MATHS EXAM-PREP  
MASTERCLASS**

{GRADE 7-9}



**AQA**  
Realising potential

# What will we cover in the Exam-Prep Masterclass?\*

Students will be exposed to a wide variety of selected papers and resources, specifically targeted for students aiming for a Grade 7-9 in their GCSE Maths exams.

There will also be a mixture of ad-hoc last minute revision and drop-ins clinics to support students with their exam-prep.

\*MAY BE SUBJECT TO CHANGE



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## **A02/A03** Problem Solving & Reasoning Question Set

AQA have released these Problem Solving questions for students sitting the Higher tier.

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## **AQA Official 2023 Mock Set Papers**

**(4 sets)**

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## **AQA June 2022 "Shadow" Paper**

## **AQA November 2022 Paper**

The most recent official paper series released by Edexcel

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## **3 'Drop-in' sessions**

Students can submit any questions from school or their own revision to the Drop-in sessions.

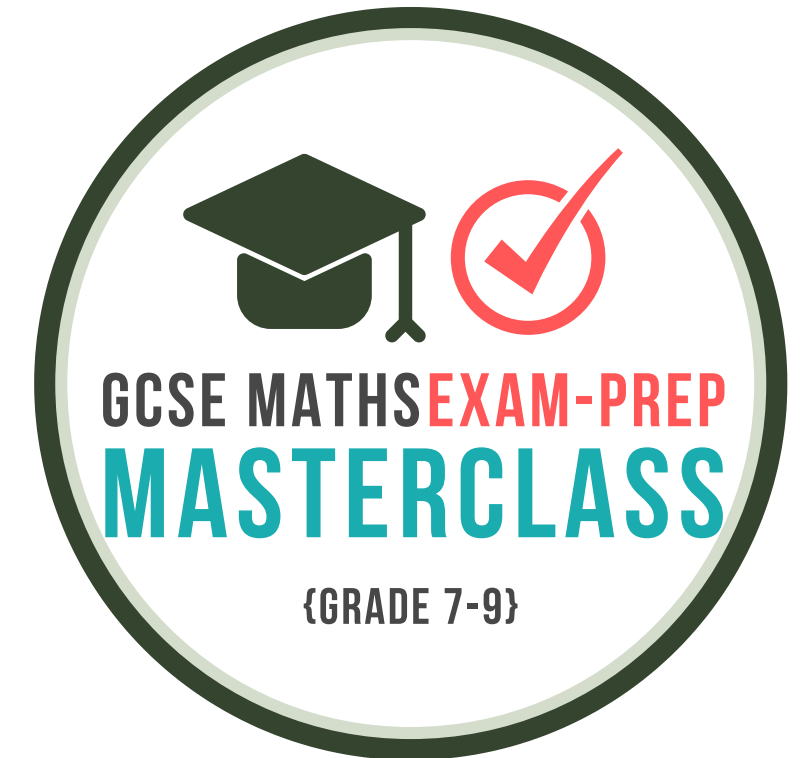
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## **3 'Last minute' sessions**

These will take place the day before each exam for last-minute questions and queries answered.

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# APRIL 2023



MON	TUE	WED	THU	FRI	SAT	SUN
					1 WELCOME <u>10AM</u>	2 JUNE 2022 1H <u>1:00PM</u>
3 JUNE 2022 2H <u>1:00PM</u>	4	5	6 JUNE 2022 3H <u>1:00PM</u>	7	8	9
10	11 NOVEMBER 2022 1H <u>12PM</u>	12	13 NOVEMBER 2022 2H <u>12PM</u>	14	15 NOVEMBER 2022 3H <u>10AM</u>	16
17	18	19	20	21	22 2023 MOCK SET 1 - 1H <u>10AM</u>	23
24	25	26	27	28	29 2023 MOCK SET 2 - 1H <u>10AM</u>	30

**WELCOME/  
ONBOARDING CALL  
SATURDAY 1ST APRIL  
10AM**

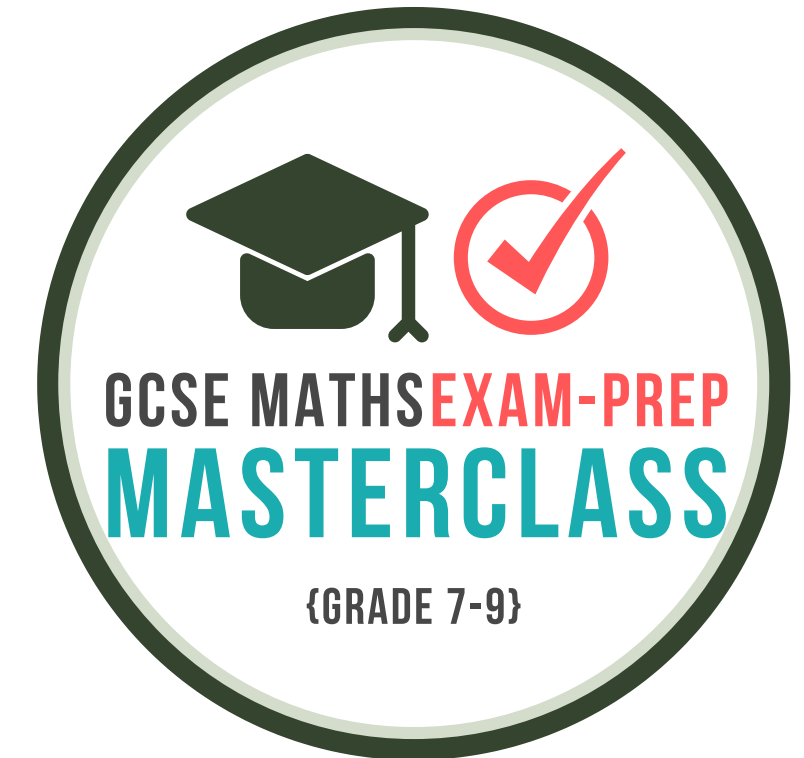
**EASTER HOLIDAYS  
SATURDAY 1ST APRIL  
- SUNDAY 16TH APRIL  
2023**

**AFTER EASTER  
EVERY SATURDAY**

# MAY 2023

MON	TUE	WED	THU	FRI	SAT	SUN
1	2 <b>DROP-IN</b> <u>6PM</u>	3	4	5	6 2023 MOCK SET 3 - 1H <u>10AM</u>	7
8	9	10	11	12	13 2023 MOCK SET 4 - 1H <u>10AM</u>	14
15	16	17	18 <b>LAST MINUTE</b> <u>7:30PM</u>	19 <b>Paper 1</b>	20 2023 MOCK SET 1- 2H <u>10AM</u>	21
22	23 <b>DROP-IN</b> <u>6PM</u>	24	25	26	27 2023 MOCK SET 2- 2H <u>10AM</u>	28
29	30 2023 MOCK SET 3- 2H <u>TBC</u>	31				

**AQA** 

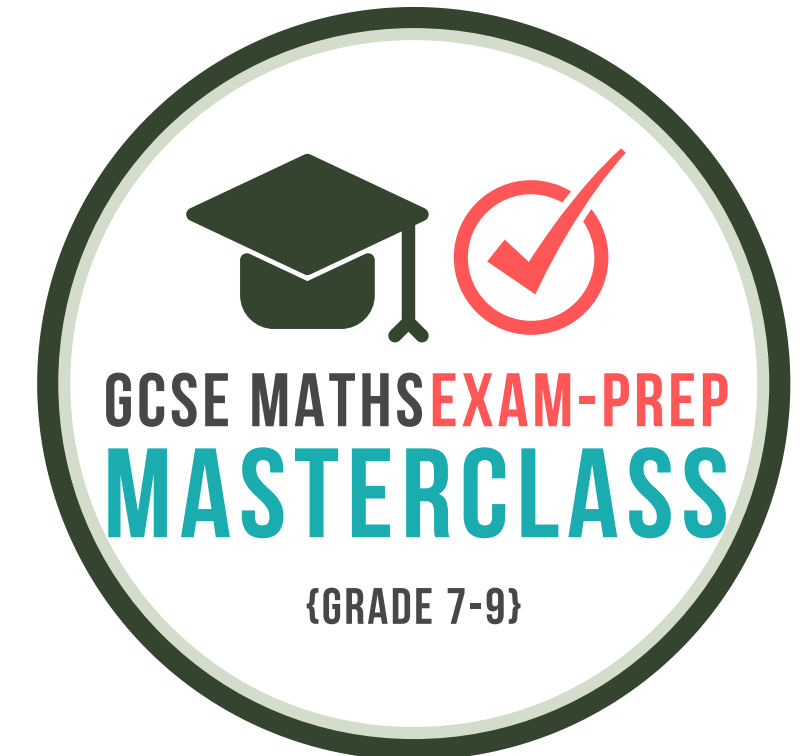


**MAY HALF TERM**  
SATURDAY 27TH MAY  
- SUNDAY 4TH JUNE  
2023

# JUNE 2023

MON	TUE	WED	THU	FRI	SAT	SUN
			1 2023 MOCK SET 4- 2H <u>TBC</u>	2	3 2023 MOCK SET 1- 3H <u>10AM</u>	4 2023 MOCK SET 2- 3H <u>12PM</u>
5	6 LAST MINUTE <u>7:30PM</u>	7 Paper 2	8	9	10 2023 MOCK SET 3 - 3H <u>10AM</u>	11 DROP-IN <u>10AM</u>
12	13 LAST MINUTE <u>7:30PM</u>	14 Paper 3				

AQA 



**OUR GOAL**  
ACHIEVE A  
GRADE 7-9  
IN GCSE MATHS!

# GET IN TOUCH



**Visit our website...**

[www.gcsemathsmasterclass.co.uk](http://www.gcsemathsmasterclass.co.uk)



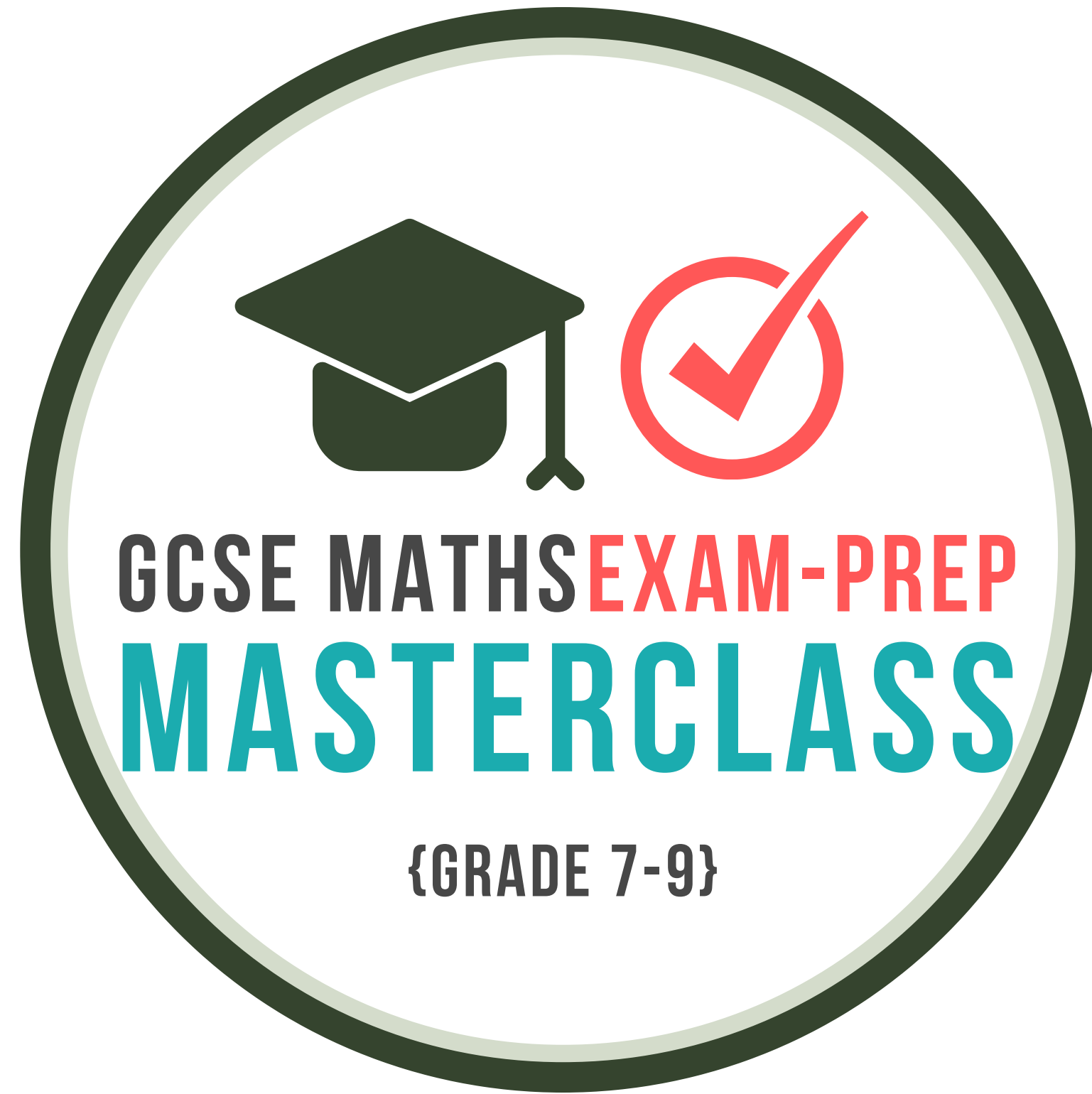
**Give us a call...**

0208 087 2133



**Send us an E-mail...**

[ash@gcsemathsmasterclass.co.uk](mailto:ash@gcsemathsmasterclass.co.uk)



**www.GCSEMathsMasterclass.co.uk**