# GCSE MATHS EXAM-PREP MASTERCLASS

{GRADE 7-9}

## Full Course Overview
## 2023/24 Academic Year

**Start date:** Saturday 30th March 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 are 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

**GCSE MATHS MASTERCLASS** {GRADE 7-9} → **GCSE MATHS EXAM-PREP MASTERCLASS** {GRADE 7-9}
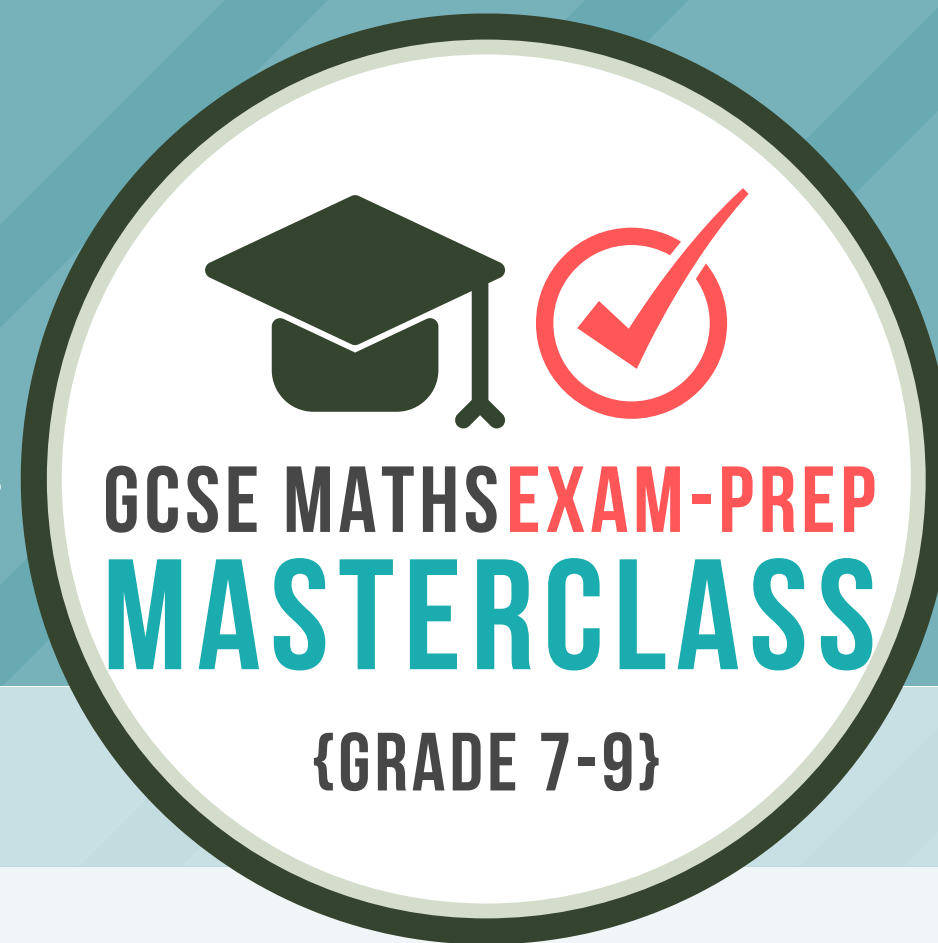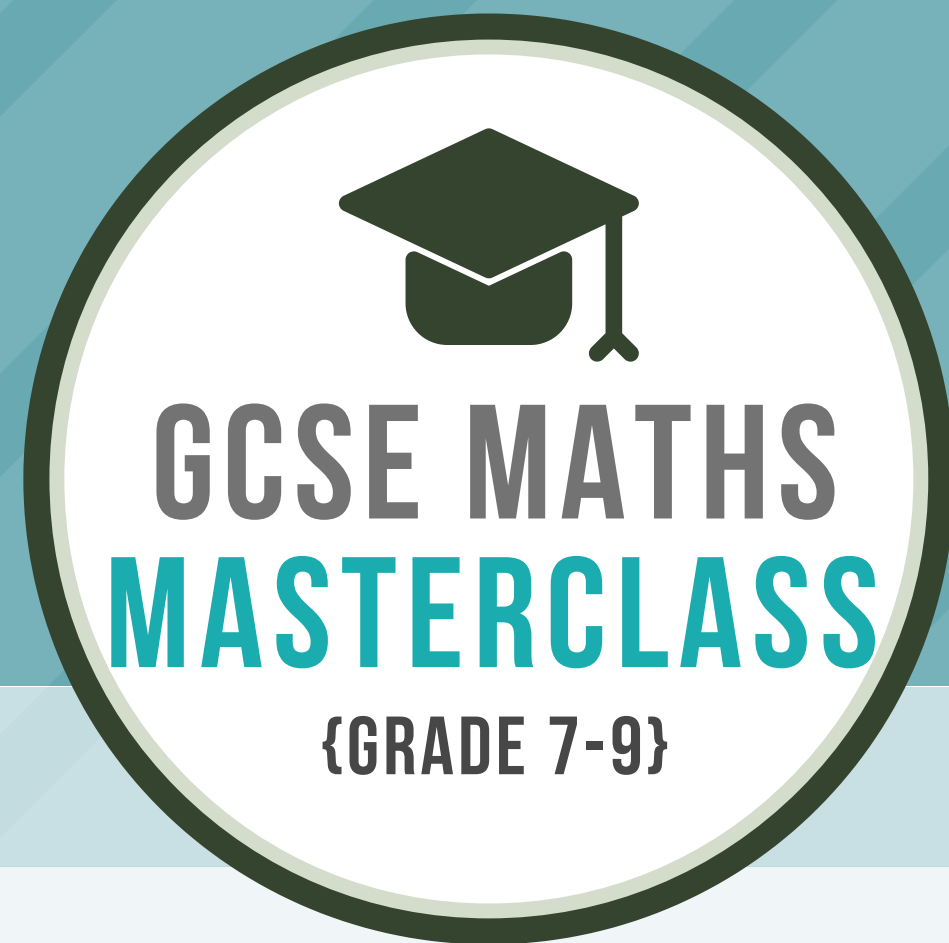
## June 2023 - March 2024
### GSCE MATHS GRADE 7-9 MASTERCLASS

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

## April - June 2024
### 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
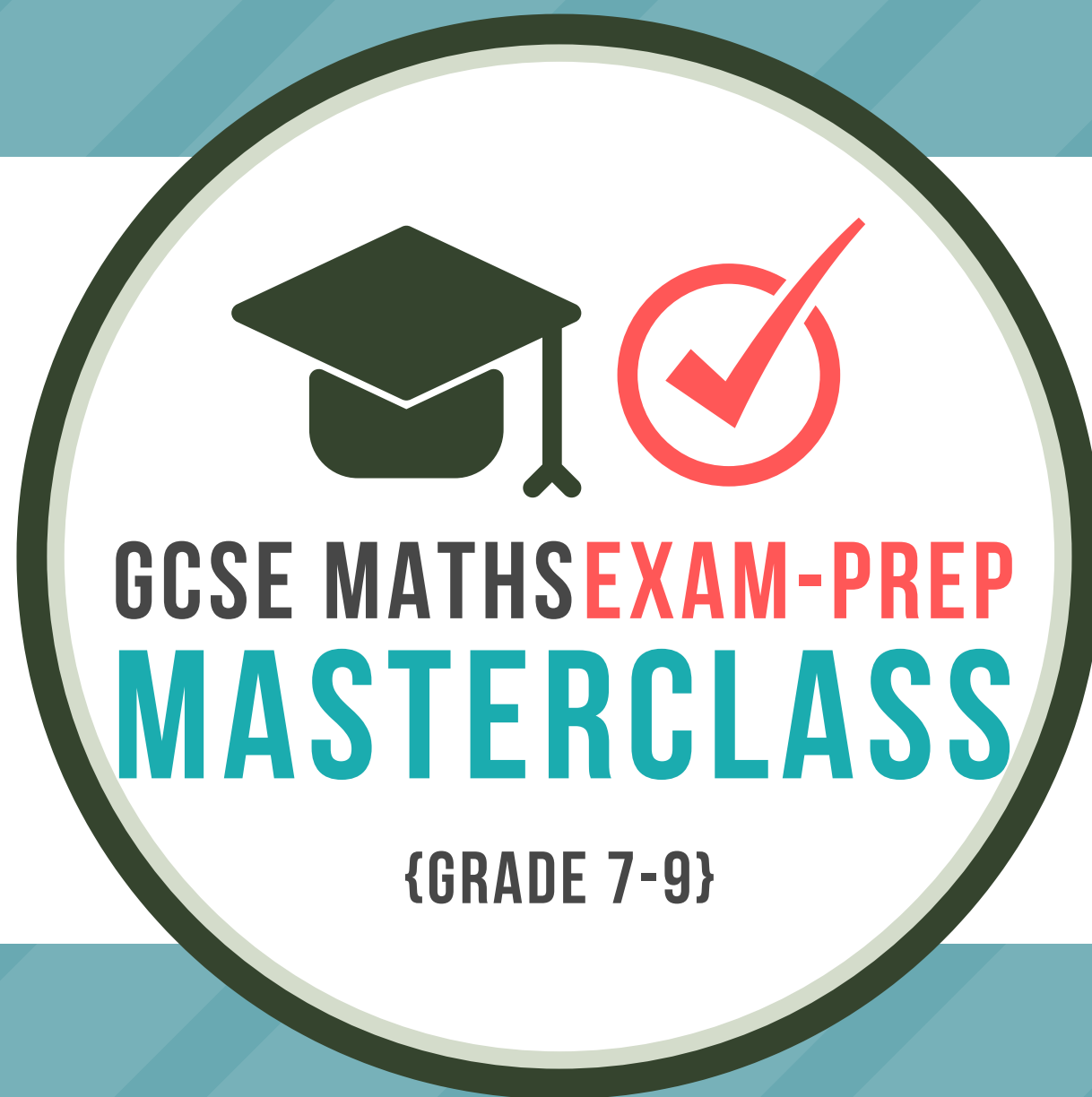
# What will we cover in the Exam-Prep Masterclass?*

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**

**PEARSON**
Edexcel

## 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 2024
The most recent Edexcel Mock Paper released by Edexcel.

## Edexcel November 2023 "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 2024

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| **1** SPRING 2024 MOCK 1H <u>10AM</u> | **2** | **3** | **4** SPRING 2024 MOCK 2H <u>10AM</u> | **5** | **6** | **7** SPRING 2024 MOCK 3H <u>10AM</u> |
| **8** | **9** NOVEMBER 2023 1H <u>10AM</u> | **10** | **11** NOVEMBER 2023 2H <u>10AM</u> | **12** | **13** | **14** NOVEMBER 2023 3H <u>10AM</u> |
| **15** | **16** PROBLEM SOLVING SET A <u>6PM</u> | **17** | **18** | **19** | **20** | **21** PROBLEM SOLVING SET B <u>10AM</u> |
| **22** | **23** GRADE 7-9 REASONING <u>6PM</u> | **24** | **25** | **26** | **27** | **28** GRADE 7-9 PROB. SOLVING <u>10AM</u> |
| **29** | **30** **DROP-IN** <u>6PM</u> | | | | | |
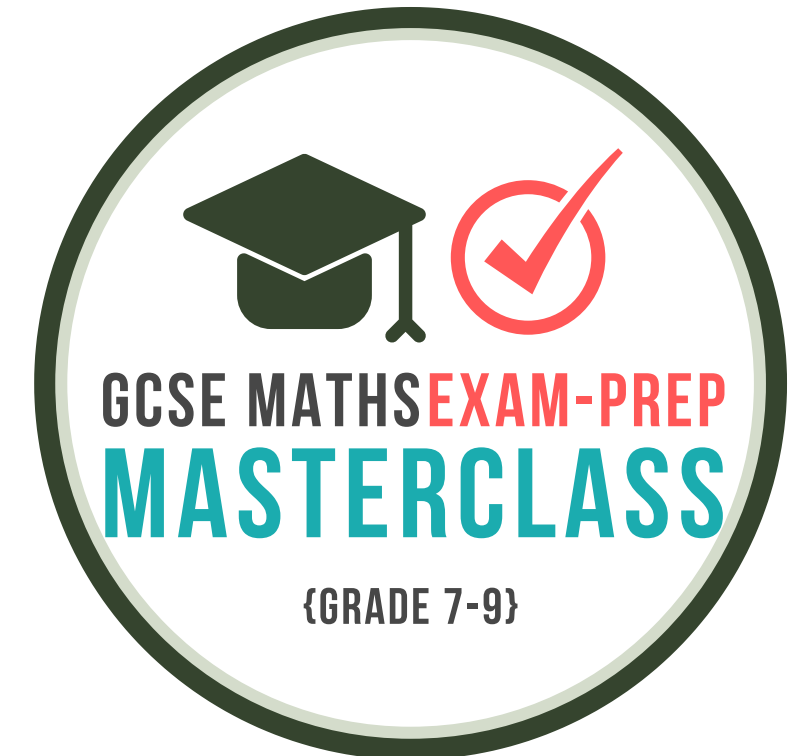
## Pearson Edexcel

## GCSE MATHS EXAM-PREP MASTERCLASS {GRADE 7-9}

**WELCOME/ ONBOARDING CALL**
SATURDAY 30TH MARCH 10AM

**EASTER HOLIDAYS**
MONDAY 1ST APRIL - SUNDAY 14TH APRIL 2024

**AFTER EASTER**
EVERY TUESDAY & SUNDAYS

# MAY 2024

GCSE MATHS EXAM-PREP
**MASTERCLASS**
{GRADE 7-9}

| MON | TUE | WED | THU | FRI | SAT | SUN |
|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 <br> **PRACTICE SET P1** <br> 10AM |
| 6 | 7 <br> **GRADE 7 NON-CALC** <br> 6PM | 8 | 9 | 10 | 11 | 12 <br> **GRADE 9 NON CALC** <br> 10AM |
| 13 | 14 | 15 <br> LAST MINUTE <br> 7:30PM | 16 <br> **Paper 1** | 17 | 18 | 19 <br> **PRACTICE SET P2/3** <br> 10AM |
| 20 | 21 <br> DROP-IN <br> 6PM | 22 | 23 | 24 | 25 | 26 <br> **GRADE 7 CALC P2** <br> 10AM |
| 27 | 28 <br> **GRADE 7-9 CALC** <br> TBC | 29 | 30 <br> **GRADE 9 CALC** <br> TBC | 31 | | |
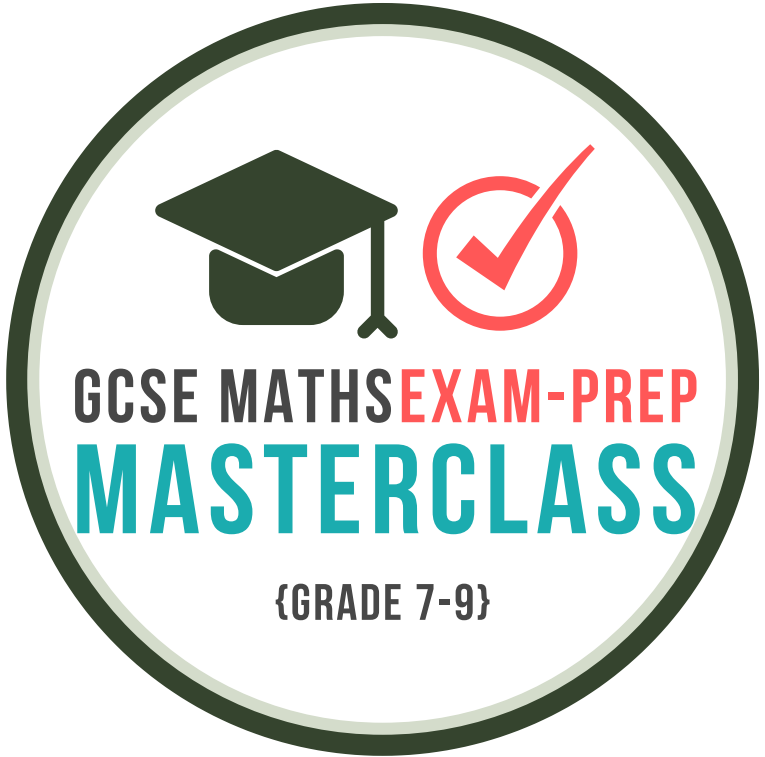
**MAY HALF TERM**
SATURDAY 25TH MAY - SUNDAY 2ND JUNE 2024

DROP-IN

6PM

# JUNE 2024

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | 1 | 2 **LAST MINUTE** 10AM |
| 3 **Paper 2** | 4 | 5 | 6 **DROP-IN** 6PM | 7 | 8 | 9 **LAST MINUTE** 1PM |
| 10 **Paper 3** | | | | | | |
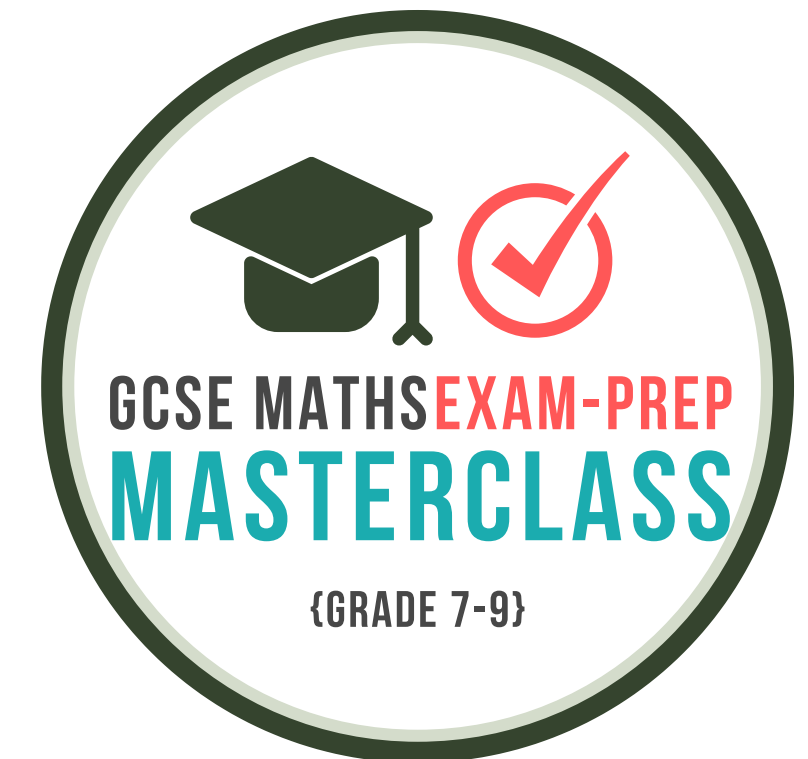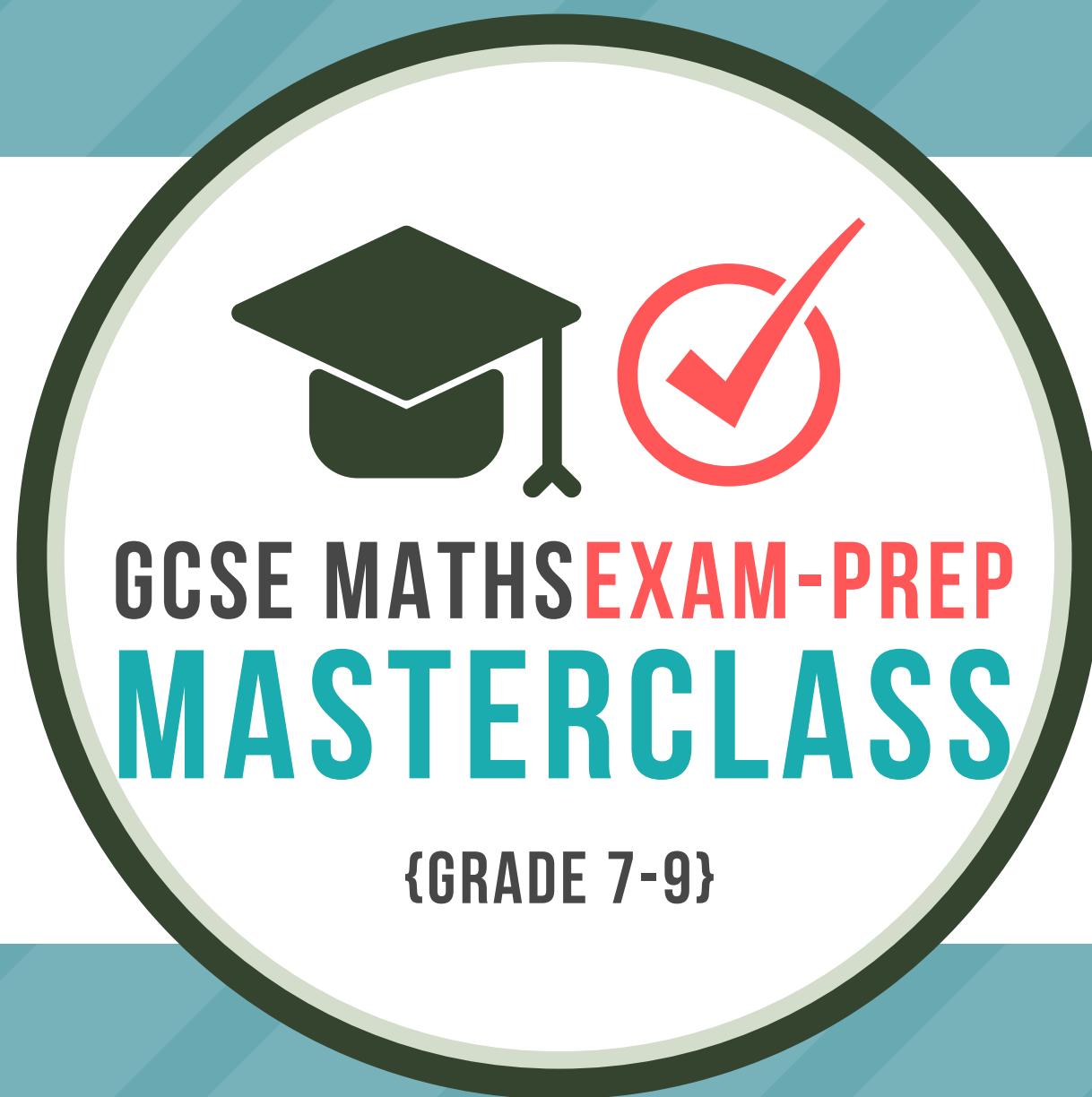
## Pearson Edexcel

### GCSE MATHS EXAM-PREP MASTERCLASS
{GRADE 7-9}

### 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

**AQA**

**AO2/AO3** Problem Solving & Reasoning Question Set
AQA have released these Problem Solving questions for students sitting the Higher tier.

**AQA Official 2023 Mock Set Papers**
**(4 sets)**

**AQA June 2023 "Shadow" Paper**

**AQA November 2023 Paper**
The most recent official paper series released by AQA

**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 2024

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

AQA
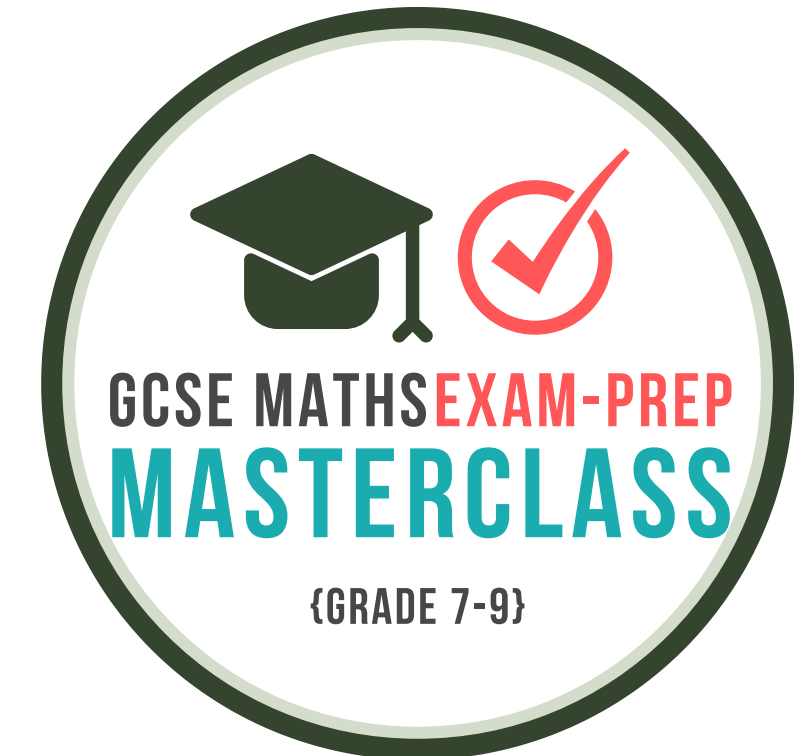
GCSE MATHS EXAM-PREP
MASTERCLASS
{GRADE 7-9}

**WELCOME/ ONBOARDING CALL**
SATURDAY 30TH MARCH 10AM

**EASTER HOLIDAYS**
MONDAY 1ST APRIL - SUNDAY 14TH APRIL 2024

**AFTER EASTER**
EVERY TUESDAY & SUNDAYS

# MAY 2024

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

**AQA**
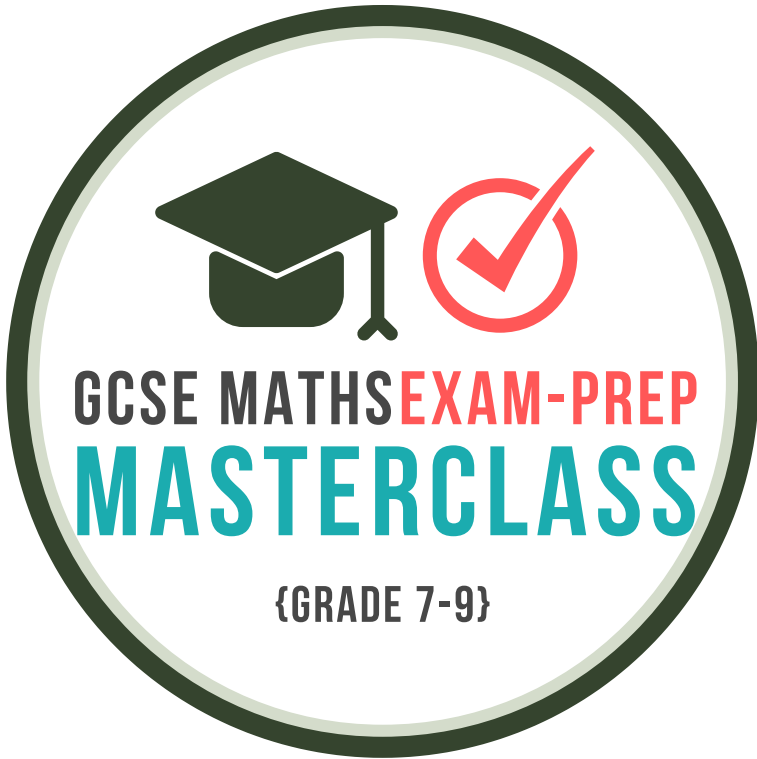
GCSE MATHS EXAM-PREP
**MASTERCLASS**
{GRADE 7-9}

**MAY HALF TERM**
SATURDAY 25TH MAY
- SUNDAY 2ND JUNE
2024

**DROP-IN**
6PM

# JUNE 2024

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| | | | | | **1** <br> **2023 MOCK SET 1 -3H** <br> **10AM** | **2** <br> **LAST MINUTE** <br> **10AM** |
| **3** <br> Paper 2 | **4** | **5** | **6** <br> DROP-IN <br> 6PM | **7** | **8** <br> **2023 MOCK SET 2 -3H** <br> **10AM** | **9** <br> LAST MINUTE <br> 1PM |
| **10** <br> Paper 3 | | | | | | |

**AQA**

**GCSE MATHS EXAM-PREP MASTERCLASS**
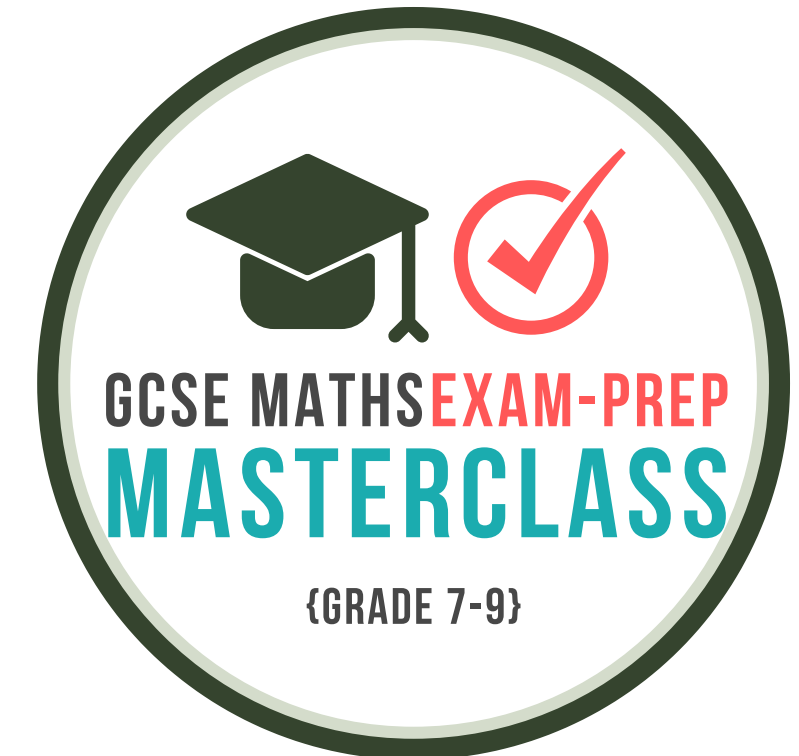
{GRADE 7-9}

**OUR GOAL**

ACHIEVE A GRADE 7-9 IN GCSE MATHS!

# GET IN TOUCH

**Visit our website...**

www.gcsemathsmasterclass.co.uk

**Give us a call...**

0208 087 2133

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

ash@gcsemathsmasterclass.co.uk