

# Steps to success for GCSE Maths

Mr. P Bruce

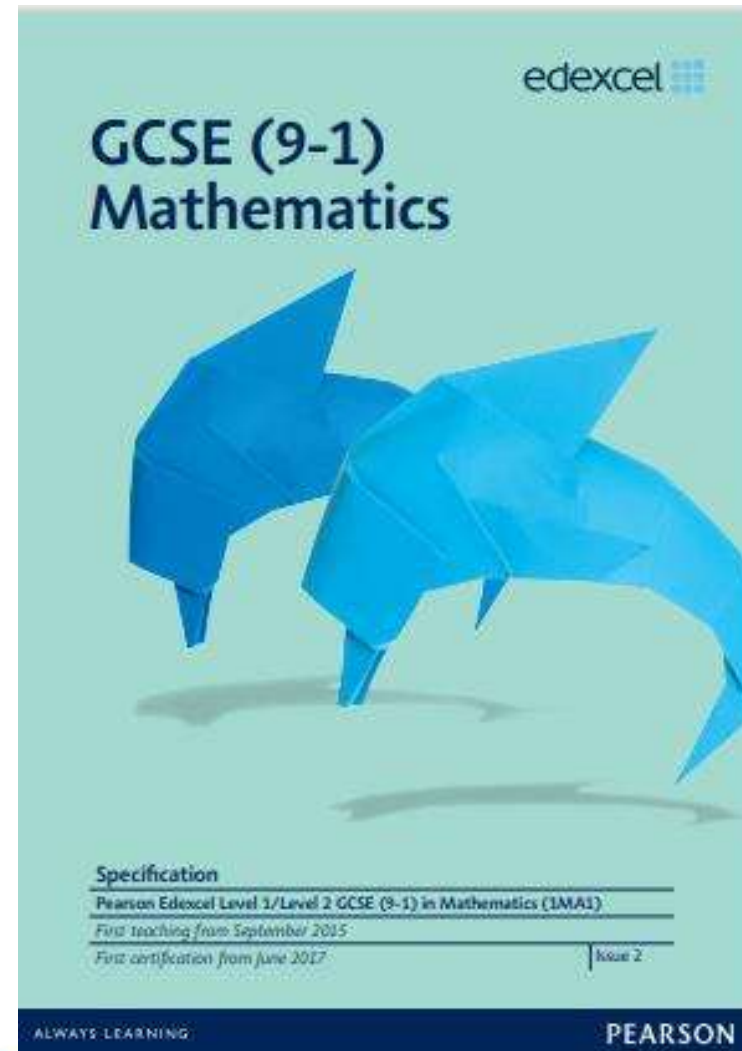


# Exam information

**Paper 1** *Non- calculator*  
80 marks 90 minutes  
**16<sup>th</sup> May 2024**

**Paper 2** *Calculator*  
80 marks 90 minutes  
**3<sup>rd</sup> June 2024**

**Paper 3** *Calculator*  
80 marks 90 minutes  
**10<sup>th</sup> June 2024**





Revision already in place:

- Students completing 10-15 marks of a past paper weekly. These are peer assessed and can be found in your child's maths exercise book, we encourage students to complete the Sparx Maths independent learning task for any questions they struggle on.
- Weekly Sparx Maths homework – this is set alongside our current scheme of learning and is personalised to your child – working independently on Sparx Maths is something that will support your child to achieve their full potential in the summer.

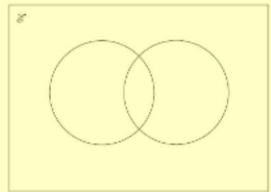
**Sparx Maths**



 <b>Y11 Weekly</b> Higher – 1		Class: _____ Date: _____	
Total Marks /18	Topic Cycle 1 Revision	Name	

**Q1. (U748)**  
 $\mathcal{E}$  = odd numbers less than 30  
 $A = 3, 9, 15, 21, 27$   
 $B = 5, 15, 25$   
 (a) Complete the Venn diagram to represent this information.



(4)

A number is chosen at random from the universal set,  $\mathcal{E}$ .  
 (b) What is the probability that the number is in the set  $A \cup B$ ?

(2)

(Total for question = 6 marks)

**Q3. (U640)**  
 $y$  is directly proportional to  $\sqrt[3]{x}$   
 $y = 1\frac{1}{6}$  when  $x = 8$   
 Find the value of  $y$  when  $x = 64$

**Q4. (U369)**  
 A café owner sells 10 different types of sandwich.  
 Rayheem buys a different type of sandwich on Monday, on Tuesday and on Wednesday.  
 In how many ways can he do this?

(Total for question = 3 marks)

**Q2. (U235)**  
 (a) Simplify  $a^4 \times a^5$  \_\_\_\_\_ (1)  
  
 (b) Simplify  $\frac{45e^6 f^8}{5ef^2}$  \_\_\_\_\_ (2)  
  
 (c) Write down the value of  $9^{\frac{1}{2}}$  \_\_\_\_\_ (1)

(Total for Question is 4 marks)

**Q5. (U556)**  
 Make  $t$  the subject of the formula  $2(d - t) = 4t + 7$

(Total for Question is 3 marks)

Sparx independent learning		Completed	
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This is an example of a weekly test in maths.

Each question has a class code attached to it (in brackets), once the weekly has been marked, students can then focus on the areas that they have struggled with by typing the code into Sparx and practising that content.

## Gradients & lines

Small Steps	Sparx	
R - Equations of lines parallel to the axis		
R - Plot straight line graphs	U741	
R - Interpret $y = mx + c$	U315	
R - Find the equation of a straight line from a graph (1)	U315	
Find the equation of a straight line from a graph (2)	U315	
Equation of a straight-line graph given one point and gradient	U477	
Equation of a straight-line graph given two points	U848	
Determine whether a point is on a line		
R - Solve linear simultaneous equations graphically	U836	
H - Recognise when straight lines are perpendicular	U898	
H - Find the equations of perpendicular lines	U898	

This is an example of a topic overview sheet.

Each part of the topic also has a Sparx code so that students can revise or consolidate their learning at home.

Content that has been covered previously has an R.

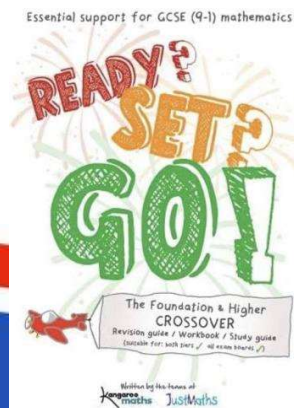
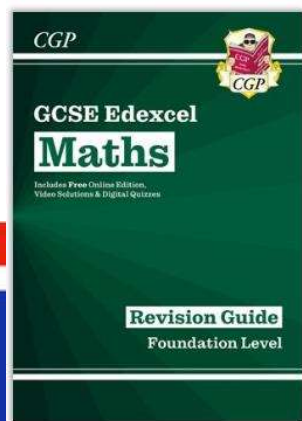
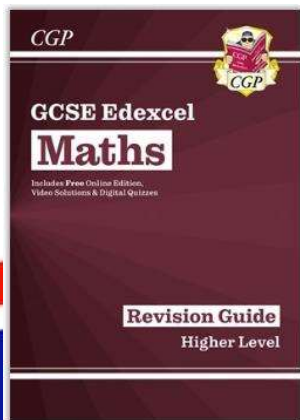
The higher content has a H next to it.

# Additional support in school:

- Please encourage your child to access the support available.
- Form time mentoring with sixth form students
- Lunch time drop in sessions
- P6 sessions in B03 on Tuesday and Thursday Evenings.
- Revision guides – available through wise pay

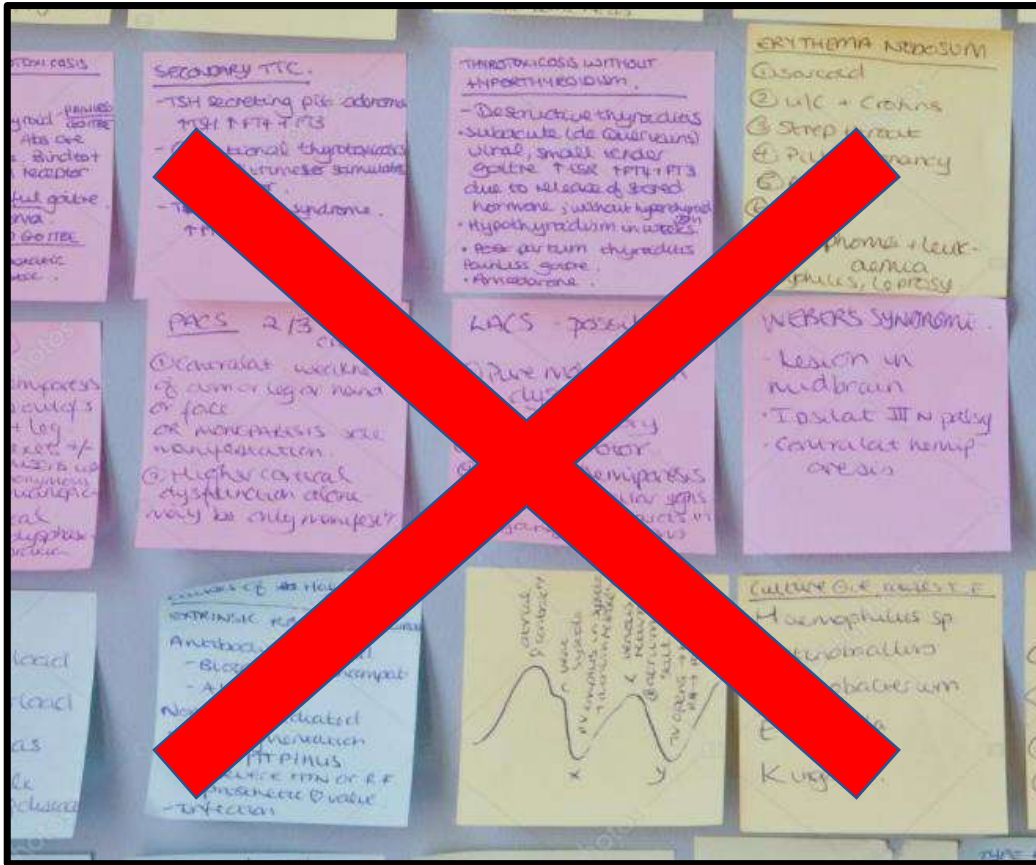


*If your progress becomes a concern and effort is good in Maths, you may be invited to work with our academic mentor Mrs Morgan – Please make the most of this additional opportunity.*





# How to Revise for Mathematics Effectively



- Students should avoid making notes and posters and instead focus on practising questions.
- They should choose their revision topics carefully, prioritising topics they find most challenging first – identified in their weekly past paper questions.

## How parents can support:



- Check Sparx Maths is being completed weekly (set and due for Wednesday)
- Encourage students to complete at least 1 independent learning task from their weekly – additional to Sparx Maths homework.
- Revision guides are available if you'd like to support your child with one. Talk to us if you can't afford this right now.

Practice makes ~~perfect.~~  
**PERMANENT**



## Useful Websites:



Corbettmaths

*Maths Genie*

**Sparx Maths**





# *Steps to success for GCSE English*

*Mrs J Shires*



# Exam information

## English Language GCSE



<p><b>Paper 1: Explorations in creative reading and writing</b></p>	<p><b>Paper 2: Writers' viewpoints and perspectives</b></p>
<p>1 hour 45 minutes</p>	<p>1 hour 45 minutes</p>
<p>23rd May 2024</p>	<p>6th June 2024</p>
<p>Section A: Reading (50%)</p>	<p>Section A: Reading (50%)</p>
<p>Section B: Writing (50%)</p>	<p>Section B: Writing (50%)</p>

# Exam information



## English Literature

### Paper 1: Shakespeare and the 19th Century Novel

1 hour 45 minutes

13th May 2024

### Section A: (50 minutes 30 + 4 marks)

Shakespeare's *Romeo and Juliet*

### Section B: (50 minutes 30 marks)

Dickens' *A Christmas Carol*

#### *Romeo and Juliet*

Read the following extract from Act 3 Scene 5 of *Romeo and Juliet* and then answer the question that follows.

At this point in the play, Juliet has just been told that she must marry Paris.

#### **CAPULET**

How now, wife,  
Have you delivered to her our decree?

#### **LADY CAPULET**

Ay, sir, but she will none, she gives you thanks.  
I would the fool were married to her grave.

#### **CAPULET**

- 5 Soft, take me with you, take me with you, wife.  
How, will she none? doth she not give us thanks?  
Is she not proud? doth she not count her blest,  
Unworthy as she is, that we have wrought  
So worthy a gentleman to be her bride?

#### **JULIET**

- 10 Not proud you have, but thankful that you have:  
Proud can I never be of what I hate,  
But thankful even for hate that is meant love.

#### **CAPULET**

How how, how how, chopt-logic? What is this?  
'Proud', and 'I thank you', and 'I thank you not',

- 15 And yet 'not proud', mistress minion you?  
Thank me no thankings, nor proud me no prouds,  
But fettle your fine joints 'gainst Thursday next,  
To go with Paris to Saint Peter's Church,  
Or I will drag thee on a hurdle thither.

- 20 Out, you green-sickness carrion! out, you baggage!  
You tallow-face!

] Starting with this moment in the play, explore how Shakespeare presents relationships between adults and young people in *Romeo and Juliet*.

Write about:

- how Shakespeare presents relationships between adults and young people at this moment in the play
- how Shakespeare presents relationships between adults and young people in the play as a whole.

[30 marks]  
AO4 [4 marks]

# Exam information



## English Literature

Paper 2: Modern Texts and Poetry

2 hours 15 minutes

20th May 2024

### **Section A: (45 minutes 30 + 4 marks)**

Priestley's *An Inspector Calls*

### **Section B: (45 minutes 30 marks)**

Power and Conflict Poetry

### **Section C: (45 minutes 24 marks + 8 marks)**

Unseen Poetry – 2 questions





Revision already in place:

- Students have weekly homeworks which are designed to interleave revision from year 10 and year 11
- Lots of the homeworks are through Massolit. All students have access to this. There are mini lectures on every text we study by University Lecturers. They come with worksheets to complete and they are a brilliant resource.



Massolit

# How to Revise for English Effectively

## **For Literature:**

- Re read the GCSE texts- make sure you know the plot and key ideas
- Create flashcards of key themes and characters from the texts
- Write plans for practice essays- what would your key argument and ideas be? Write some of them up to get feedback from your teacher

## **For Language:**

- Read books, newspapers and articles for pleasure this year
- Write descriptions using our 'Interesting Sentences' plan
- Practise writing speeches/ letters by using past questions



## Next steps and supporting students:



- Check homeworks are being completed every week
- Encourage students to complete at least 1 independent learning task- additional Massolit/ reading/ writing practice
- Revision guides are available online by CPG or York Notes for each text and English Language
- Wednesday after school drop ins W10 with Mrs Shires
- Additional English Language lessons from Nov (*students will be invited to this based on mock exam results*)



## Useful Websites:

The logo for BBC Bitesize, featuring the letters 'BBC' in white inside three small orange squares, with the word 'Bitesize' in white text below them, all on an orange rectangular background.

**BBC**  
**Bitesize**

The logo for Seneca, featuring a white stylized sunburst icon to the left of the word 'SENECA' in white capital letters, all on a blue rectangular background.

 SENECA



Massolit