# Welcome to Y11 Preparing for Success Evening



# Aims:

- Provide guidance on how to support your child in the lead up to exams.
- Give advice on key revision techniques students can use to support with revision.
- Provide materials to support revision.



# **Exam Dates**

GCSE examinations begin w/c 16th May, however, there are practical exams and some BTEC exams which take place earlier.

# **Exam Expectations**

To ensure that we adhere to strict exam regulations the following must be observed by all students taking assessments:

- Watches must be removed and are not permitted in the exam hall unless placed on the desk in front of them.
- Under no circumstances are phones allowed in the exam hall.
- Students must take their equipment into the exam in a clear pencil case.
- Students may take a bottle of water into the exam, but the bottle must be clear with no labels on it.

If students do not adhere to these regulations, this can put both their exam results and other students exam results in jeopardy with all assessments linked to that exam board. The school has a duty to inform the exam board if any of these are not adhered to.

Students are required to provide their own equipment for the exam: 2 x black biros, sharp pencil, sharpener, eraser, ruler, scientific calculator, protractor, compass.

# Preparing for Success

### **Additional Support for students**

- Weekend and holiday revision sessions
- Breakfast revision sessions
- Advanced information provided
- Independent revision resources
- > Targeted tutor time support
- Additional learning and study club
- Workshops on effective revision techniques.
- Mentoring



How can students prepare for success in their core subjects?

# Practising Revising for the Mathematics Exams





Paper	Date	% of GCSE grade
Paper 1 Non-Calculator Foundation/Higher	Friday 20 <sup>th</sup> May (AM)	33.33%
Paper 2 Calculator Foundation/Higher	Tuesday 7 <sup>th</sup> June(AM)	33.33%
Paper 3 Calculator Foundation/Higher	Monday 13 <sup>th</sup> June (AM)	33.33%

Revision sessions available prior to each examination.

#### **GCSE Mathematics**

Paper 1

Friday 20th May

49 days, 15 hours, 52 minutes and 50 seconds.

#### **GCSE Mathematics**

Paper 2

**Tuesday 7th June** 

67 days, 15 hours, 52 minutes and 50 seconds.

#### **GCSE Mathematics**

Paper 3

Monday 13th June

73 days, 15 hours, 52 minutes and 50 seconds.

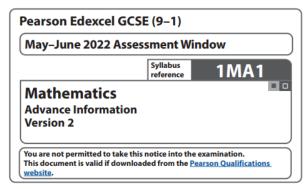
# **Exam Content**

	Number <mark>22 - 28%,</mark>	
	Algebra 17 - 23%,	
Foundation	Ratio, Proportion and Rates of change 22 - 28%	
	Geometry and Measures 12 - 18%	
	Statistics & Probability 12 - 18%	
	Number 12 - 18%	
	Algebra 27 - 33%	
Higher	Ratio, Proportion and Rates of change 17 - 23%	
	Geometry and Measures 17 - 23%	
	Statistics & Probability 12 - 18%	

# **Advance Information**

Students may need to draw on prior knowledge and skills.

Students will still be expected to apply their knowledge to unfamiliar contexts.



#### Instructions

Please ensure that you have read this notice before the examination.

#### Information

- This notice covers all examined components.
- The format/structure of the assessments remains unchanged.
- The Advance Information details the focus of the content of the exams in the May–June 2022 assessments.
- There are no restrictions on who can use this notice.
- This notice is meant to help students to focus their revision time.
- Students and teachers can discuss the advance information.
- This document has 25 pages.

Continue ▶







# **Advance Information**



Edexcel 2022 Advance Information List Foundation – Paper 1



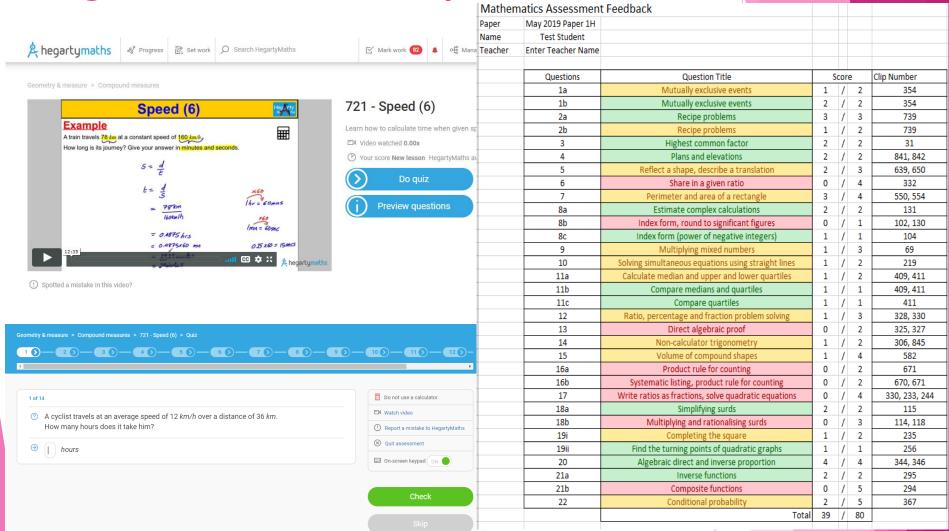
Edexcel 2022 Advance Information List Foundation – Paper 1

## Ratio, proportion, and rates of change

<del>+‡+</del>

	Topics	Clip Number	R	Α	G
Conversions	Mass, time, area	695, 696, 697, 700, 701,			
		705, 706, 709, 710, 711			
	Scale drawing	864 – 871			
Percentages	Decimal to percentage	55			
	Percentage profit	760, 761			
	Depreciation	95			
Ratio	Write as a ratio	328, 329			
	Use of ratio	335 – 338			
Proportion	Direct proportion	339, 340, 341, 343, 344,			
		345, 348, 739 – 742			
	Currency conversion	707, 708			

Targeted revision topics



# Formulae Sheet

#### **Foundation Tier Formulae Sheet**

#### Perimeter, area and volume

Where a and b are the lengths of the parallel sides and b is their perpendicular separation:

Area of a trapezium = 
$$\frac{1}{2} (a + b) h$$

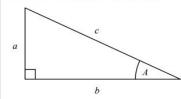
Volume of a prism = area of cross section × length

Where r is the radius and d is the diameter:

Circumference of a circle =  $2\pi r = \pi d$ 

Area of a circle =  $\pi r^2$ 

#### Pythagoras' Theorem and Trigonometry



In any right-angled triangle where a, b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

Probability

In any right-angled triangle ABC where a, b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

Where P(A) is the probability of outcome A

P(A or B) = P(A) + P(B) - P(A and B)

and P(B) is the probability of outcome B:

#### **Compound Interest**

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

Total accrued = 
$$P\left(1 + \frac{r}{100}\right)^r$$

#### **END OF EXAM AID**

#### **Higher Tier Formulae Sheet**

#### Perimeter, area and volume

Where a and b are the lengths of the parallel sides and b is their perpendicular separation:

Area of a trapezium = 
$$\frac{1}{2} (a + b) h$$

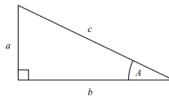
Volume of a prism = area of cross section  $\times$  length

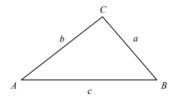
Where r is the radius and d is the diameter:

Circumference of a circle = 
$$2\pi r = \pi d$$

Area of a circle = 
$$\pi r^2$$

#### Pythagoras' Theorem and Trigonometry





#### **Ouadratic formula**

The solution of  $ax^2 + bx + c = 0$ 

where  $a \neq 0$ 

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

In any right-angled triangle where a, b and c are the length of the sides and c is the hypotenuse:

$$a^2 + b^2 = c^2$$

In any right-angled triangle ABC where a, b and c are the length of the sides and c is the hypotenuse:

$$\sin A = \frac{a}{c} \quad \cos A = \frac{b}{c} \quad \tan A = \frac{a}{b}$$

In any triangle ABC where a, b and c are the length of the sides:

sine rule: 
$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

cosine rule: 
$$a^2 = b^2 + c^2 - 2bc \cos A$$

Area of triangle = 
$$\frac{1}{2} a b \sin C$$

#### Compound Interest

Where P is the principal amount, r is the interest rate over a given period and n is number of times that the interest is compounded:

Total accrued = 
$$P\left(1 + \frac{r}{100}\right)^n$$

#### Probability

Where P(A) is the probability of outcome A and P(B) is the probability of outcome B:

$$P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$$

$$P(A \text{ and } B) = P(A \text{ given } B) P(B)$$

#### **END OF EXAM AID**

# Language of the papers

Command words WI		What you need to know	
1	Calculate	A calculator and some working will be needed.	
2	Change	Usually convert from one unit to another; either using known metric unit conversions or the use of a conversion graph.	
		Fill in missing values.	
3	3 Complete	For example, on a probability tree diagram or a table of values.	
		Write a sentence that gives the features of the situation.	
4	Describe	For example, describing a transformation or trend in a graph.	
		Produce an accurate drawing (unless a sketch is being drawn).	
5	5 Draw	For example, draw a graph, draw an accurate elevation of a pyramid.	

Know how to use the calculator efficiently.

Casio Classwiz Fx991EX



# Types of questions AO2

#### AO2 Reason, interpret and communicate mathematically

#### Strands

- 1 Make deductions, inferences and draw conclusions from mathematical information
- 2 Construct chains of reasoning to achieve a given result
- 3 Interpret and communicate information accurately
- 4 Present arguments and proofs
- 5 Assess the validity of an argument and critically evaluate a given way of presenting information

21 <u>Last year</u> Jo paid £245 for her <u>car insurance</u>.

This year she has to pay £883 for her car insurance.

Work out the percentage increase in the cost of her-car insurance.

260

3/3

Practice the keywords and explain the processes.

# Types of questions AO1

20 (a) Write 7357 correct to 3 significant figures.

1/1

(b) Work out 
$$\frac{\sqrt{17+4^2}}{7.3^2}$$

Write down all the figures on your calculator display.

$$17+4^2=33$$
  $\sqrt{33}=5.744562647$   
 $7.3^2$   $\sqrt{53.29=0.1077981356}$ 

Create some Flashcards

0.1077981356

2/2

Generate your own practice questions.

# Types of questions - AO3

#### AO3 Solve problems within mathematics and in other contexts

#### Strands

- 1 Translate problems in mathematical or non-mathematical contexts into a process or a series of mathematical processes
- 2 Make and use connections between different parts of mathematics
- 3 Interpret results in the context of the given problem
- 4 Evaluate methods used and results obtained
- 5 Evaluate solutions to identify how they may have been affected by assumptions made

\* Here is part of a field.

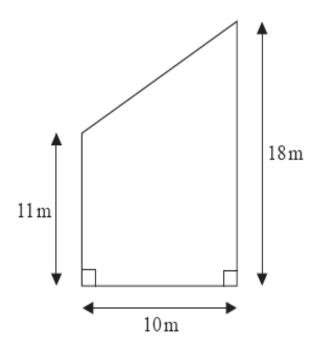


Diagram NOT accurately drawn

Past Paper practice-4/5 mark questions

Change the numbers and practice the processes.

This part of the field is in the shape of a trapezium.

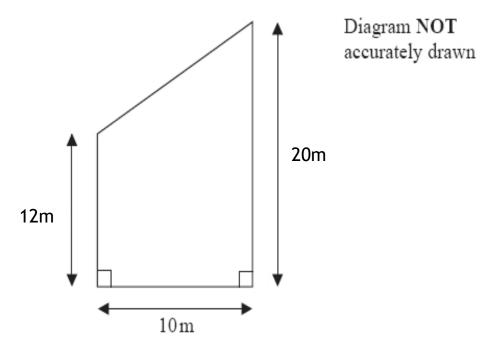
A farmer wants to put a fence all the way around the edge of this part of the field.

The farmer has 50m of fence.

Does he have enough fence? You must show all your working.

# **Practice Minimally different**

\* Here is part of a field.



This part of the field is in the shape of a trapezium.

A farmer wants to put a fence all the way around the edge of this part of the field.

The farmer has 50m of fence.

Does he have enough fence? You must show all your working.

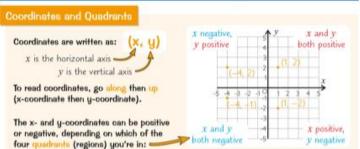
# **Knowledge Organisers**

Section 3 — Graphs

Section 3 — Graphs

49

#### **Coordinates and Straight Lines**



#### Midpoint of a Line

MIDPOINT OF A LINE SEGMENT -- point exactly halfway between the line's endpoints.

Three steps to find the midpoint:

Find the average of the x-coordinates.

Find the average of the y-coordinates.

Put them in brackets.

#### EXAMPLE

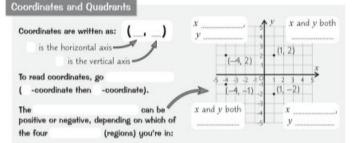
Point A has coordinates (-8, 2) and Point B has coordinates (6, 10). Find the coordinates of the midpoint of AB.

0 - 8 + 6 = -2 = -1 0 + 10 = 12 = 6

@ Coordinates of midpoint: (-1, 6)

#### **Coordinates and Straight Lines**

First Go:



#### Midpoint of a Line

MIDPOINT OF A LINE SEGMENT - point exactly between the line's

Three steps to find the midpoint:

Find the of the x-coordinates.

Find the of the y-coordinates.

Straight-Line Equations

line through 'a' on the

line through 'a' on the

MIRITIAN MINIMININA

The x-axis is y =

and the y-axis is x =

(e.g. x = -3)

(e.g. y = -1)

Put them in

'x = a' is a

#### EXAMPLE

Point A has coordinates (-8, 2) and Point B has coordinates (6, 10). Find the coordinates of the midpoint of AB.

'u = x' is the

through the

through the

(e.g.  $y = -\frac{1}{2}x$ )

@ Coordinates of midpoint: ( , )

#### Straight-Line Equations



'u = a' is a horizontal line through 'a' on the y-axis (e.g. y = -1)

> Sommon mine The x-axis is y = 0 and the y-axis is x = 0.

= x' is the main diagonal through the origin

time to line

up the perfect

y = ax' is a diagonal through the origin with gradient 'a' (e.g.  $y = -\frac{1}{2}x$ )





Section 3 - Graphs

'y = ax' is a diagonal

21

First Go:

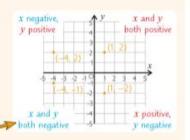
#### **Coordinates and Straight Lines**

#### Coordinates and Quadrants

Coordinates are written as: (X, U) x is the horizontal axis y is the vertical axis

To read coordinates, go along then up (x-coordinate then y-coordinate).

The x- and y-coordinates can be positive or negative, depending on which of the four quadrants (regions) you're in: -



#### Midpoint of a Line

MIDPOINT OF A LINE SEGMENT - point exactly halfway between the line's endpoints.

Three steps to find the midpoint:

- Find the average of the x-coordinates.
- Find the average of the y-coordinates.
- Put them in brackets.

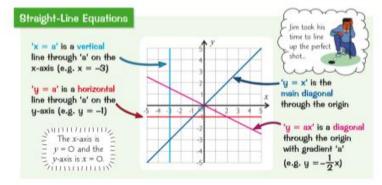
#### EXAMPLE

Point A has coordinates (-8, 2) and Point B has coordinates (6, 10). Find the coordinates of the midpoint of AB.

$$0 \frac{-8+6}{2} = \frac{-2}{2} = -1$$



@ Coordinates of midpoint: (-1, 6)



Section 3 — Graphs

#### **Coordinates and Straight Lines**

Coordinates and Quadrants Coordinates are written as: is the horizontal axisis the vertical axis To read coordinates, go -coordinate then -coordinate). can be positive or negative, depending on which of the four (regions) you're in:

EXAMPLE

#### Midpoint of a Line

MIDPOINT OF A LINE SEGMENT - point exactly the line's

between

Three steps to find the midpoint:

Find the of the x-coordinates.

Find the of the y-coordinates.

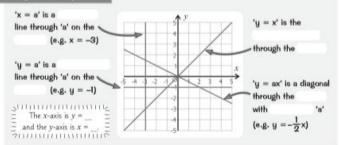
Put them in

Point A has coordinates (-8, 2) and Point B has coordinates (6, 10). Find the coordinates of the midpoint of AB.

0 -8+6 = \_ = <u>0 2+10 = \_ =</u>

@ Coordinates of midpoint: ( , )

#### Straight-Line Equations





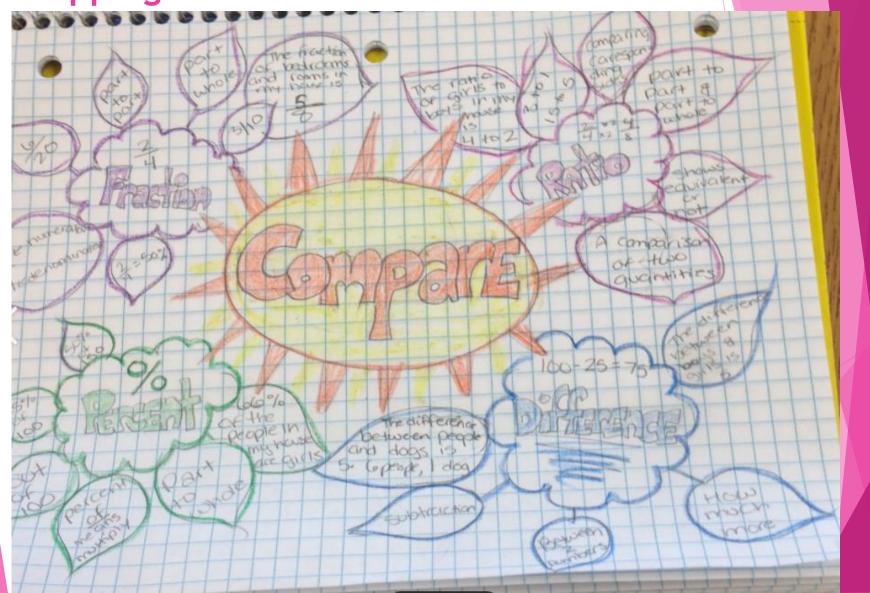




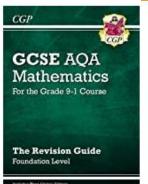


Section 3 - Graphs

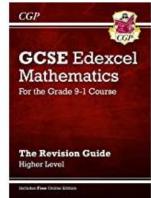
Recall and Mind mapping



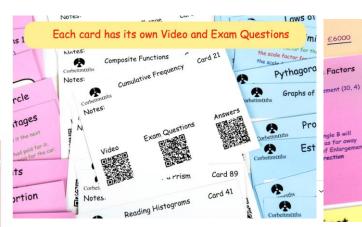
# Resources



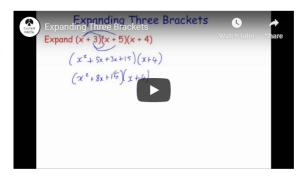
**GCSE Maths Edexcel** Revision Guide: Higher for the Grade 9-1 Course (with Online Edition) (CGP GCSE Maths 9-1 Revision)



GCSE Maths Edexcel Revision Guide: Foundation for the Grade 9-1 Course (with Online Edition) (CGP GCSE Maths 9-1 Revision)



**Expanding Three Brackets Video** 



Available for Higher or Foundation Tier

Speed, Distance and Time

A car travels 165 miles in 3 hours.

Calculate the average speed, in

Recurring Decimals to Fractions

miles per hour, of the car.

0

 $27^{\frac{2}{3}} = 9$ 



EDEXCEL resources Higher and Foundation revision guides and practice workbooks

WH Smiths Amazon.com **Waterstones** 

Revision for this topic

www.corbettmaths.com/contents

Video 15



#### Ideas - Revision Session ideas 20-30 mins 4-5 times a week

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Use your QLA and watch 3-5 videos+ Quiz on Hegarty	ruesday	Create a set of flash cards for all formula for area, perimeter and volume and compound measures		Triday	Complete pages from the KO Work book	RAG rate the Advance Information
	Complete pages from the KO Work book	Maths Homework topic past paper questions + self assess	Complete a quiz from your revision guide	Complete the a maths paper- with a YouTube video		
	Use your QLA and watch 3-5 videos+ Quiz on Hegarty	List all the different ways you can solve an equation	Maths Homework topic past paper questions + self assess	Visit GCSE Bitesize to work through a topic		Create a set of flash cards for expressions, formulae and equations
Maths Homework past paper questions on triogonometry + self assess	Create a mind map on graphs	Use the mark scheme to assess some questions.		Complete past paper questions related to graphs		
	Maths Homework past paper question + self assess	Watch 4 videos on Corbett maths	Recreate the formula sheet from scratch		RAG rate the Advance Information	Complete 5 questions on an exam paper
Maths Homework past paper question + self assess		Maths Homework past paper question + self assess	Quiz yourself on the area, perimeter and volume and compound measures			

# Other useful resources

- Hegarty Maths Videos on the topic
- Corbett Maths- Practice the skills with worksheets, Topic tests, predicted papers
- Maths Genie Practice the skills exam board past paper questions
- Onmaths Predicted papers
- MME Making Maths Easy, Topic tests and worksheets
- ▶ **BBC Bitesize** Reviewing information and practice tests
- Youtube Past paper/ Predicted papers/ Advance information walk throughs

# Revising for English Language and English Literature

# **English Revision**

Date	Focus
Saturday 9th April 9:30am - 11:30	(By invitation) English Language or English Literature
Saturday 14th May 9:00am - 11:00	(Open to all) English Language Paper 1
Sunday 22nd May 9:00am - 11:00	(Securing a 4 or a 5) English Literature Paper 1
Saturday 4th June 9:00am - 11:00 11:00am - 13:00	(Aiming for a 5 sessions) English Language Paper 2 English Literature Paper 2

# English Language exams



Paper	Date	% of GCSE grade
Paper 1 Creative Reading & Writing	18.05.22 (AM) 1hr 45mins	50%
Paper 2 Writers' Viewpoints & Perspectives	10.06.22 (AM) 1hr 45 mins	50%



#### Why Cross-Country is a Silly Sport

Fig. bear defined, with a law of contrast, a law which are and in the first and the fi

Constitution and the state of the state assessment in all and the state of the state assessment in all and the state of the state assessment in all and the state of the state

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#### Advanced information:

Paper 2 reading - 21st century autobiographical writing and a C19th essay

Paper 2 writing - article

# Targeted Revision - QLAs

Language Paper 2			
Name:			[
Class:			
Target grade:			
Mock grade:			
Topic Area		Progress	Mark
Question 1 (List	t 4 things)		
Question 2 (Co			
	alyse language)		
	mpare viewpoints)		
	nt and Organisation)		
Writing (Technical accuracy)			
Next steps:			

# **Practice Questions**



# **English Language**

## **Revision Booklet**

Paper 1 and 2

#### Exam dates:

Language paper 1: 18th May 2022 Language paper 2: 10th June 2022

# **Practice Questions**

When suddenly I notice Peeta, he's about five tributes to my right, quite a fair distance, still I can tell he's looking at me and I think he might be shaking his head. But the sun's in my eyes, and while I'm puzzling over it the gong rings out.

And I've missed it! I've missed my chance! Because those extra couple of seconds I've lost by not being ready are enough to change my mind about going in. My feet shuffle for a moment, confused at the direction my brain wants to take and then I lunge forward, scoop up the sheet of plastic and a loaf of bread. The pickings are so small and I'm so angry with Peeta for distracting me that I sprint in twenty yards to retrieve a bright orange backpack that could hold anything because I can't stand leaving with virtually nothing.

A boy, I think from District 9, reaches the pack at the same time I do and for a brief time we grapple for it and then he coughs, splattering my face with blood. I stagger back, repulsed by the warm, sticky spray. Then the boy slips to the ground. That's when I see the knife in his back. Already other tributes have reached the Comucopia and are spreading out to attack. Yes, the girl from District 2, ten yards away, running toward me, one hand clutching a half-dozen knives. I've seen her throw in training. She never misses.

And I'm her next target. All the general fear I've been feeling condenses into an immediate fear of this girl, this predator who might kill me in seconds. Adrenaline shoots through me and I sling the pack over one shoulder and run full-speed for the woods. I can hear the blade whistling toward me and reflexively hike the pack up to protect my head. The blade lodges in the pack. Both straps on my shoulders now, I make for the trees. Somehow I know the girl will not pursue me. That she'll be drawn back into the Cornucopia before all the good stuff is gone. A grin crosses my face. Thanks for the knife, I think.

Question 1: Reread lines 1-10. List four things that we learn about the Cornucopia. (4 marks)

Question 2: Reread paragraph 5. How is language used to describe the activity? (8 marks)

Question 3: You now need to think about the whole of the source. How has the writer structured the text to interest you as a reader? (8 marks)

Question 4: Focus this part of your answer on the final two paragraphs. A student having read this said 'This is clearly a dramatic moment for the reader' to what extent do you agree? (20 marks)

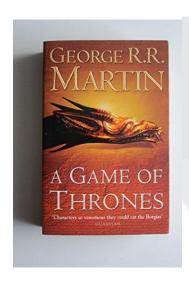
# **Practice Questions**

Q5. Either: Write a description suggested by this picture:



Or: Write the opening of a story with the title 'The Outsider'.

(24 marks for content and organisation 16 marks for technical accuracy) [40 marks]





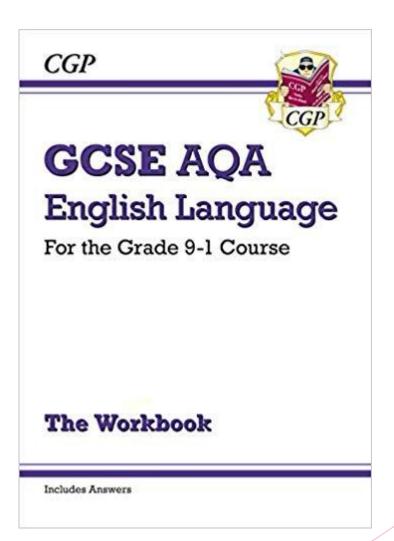


# Read





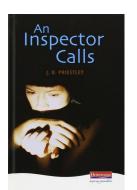
# English Language Workbook



# English Literature exams AQA



Paper	Date	% of GCSE grade
Paper 1		
An Inspector	25.05.22	
Calls & Power	(AM)	50%
and Conflict	1hr 40mins	
Poetry		
Paper 2	08.06.22	
Macbeth &	(AM)	50%
Unseen Poetry	1hr 45 mins	30%
	1111 42 1111113	









#### Advanced information:

Removal of a text

### Targeted Revision - QLAs

# Name: Class:

Topic Area	Progress	Mark
Macbeth AO1: Question		
Macbeth AO1: Quotes		
Macbeth AO2: Terminology		
Macbeth AO2: Effect		
Macbeth AO3: Context		
Macbeth AO4: SPaG		
Unseen Poetry AO1: Question		
Unseen Poetry AO1: Quotes		
Unseen Poetry AO2: Terminology		
Unseen Poetry AO2: Effect		
Unseen Poetry AO4: SPaG		
Unseen Comparison		

Next steps:			

### **Practice Questions**

### **An Inspector Calls Practice Questions**

You will have a choice of two questions and you must answer one of them.

You could be asked about any of the characters or themes below. Sometimes you might be asked about more than one character and the theme might be worded differently eg. instead of 'generations' they might ask you about older and younger people.

Characters		Themes
G Mr Birling	G	Social class
A Mrs Birling	Α	Responsibility
G Sheila Birling	R	Gender
A Eric Birling		Generations
A Gerald Croft	R	Guilt
<b>G</b> Eva Smith		
R Inspector Goole		
Example:		
EITHER		
01. How does Priestley use the character of Mr Birling to high	nlight issue	s within society?
Write about:		
How Priestley presents Mr Birling		
<ul> <li>Priestley's ideas about society</li> </ul>		
OR:		
or.		
02. How does Priestley explore gender inequality in An Inspec	ctor Calls?	

· Priestley's ideas about gender

Write about:

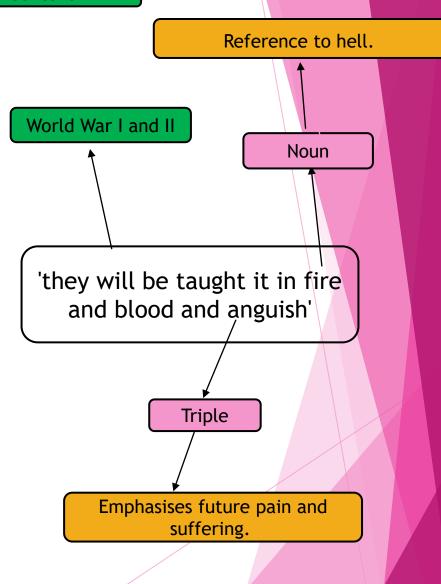
• How Priestley presents these ideas through his characters and the way he writes

[30 marks]

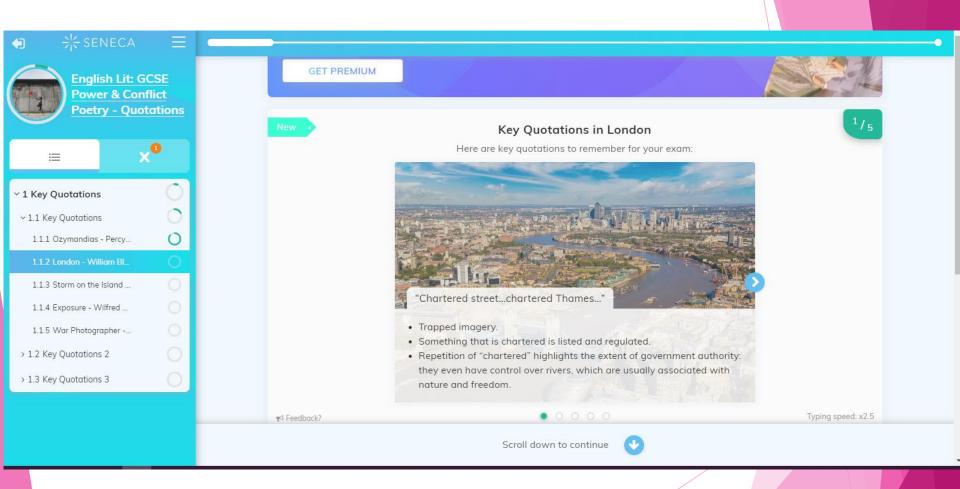
## Subject terminology Effect Context

### Learning quotes

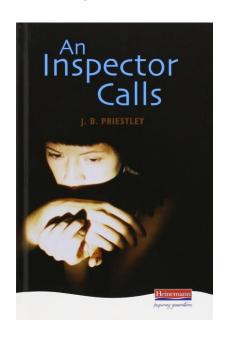
Nui	mber	Quotation:	Number	Quotation:
1	Ŷ	Stage direction: 'heavy-looking, rather portentous man with fairly easy manners but rather provincial in his speech.' (Mr B)	22 + +	Gerald: 'Young and fresh and charming'
2	**	Stage direction: 'a rather cold woman and her husband's social superior.' (Mrs B)	23	Gerald: 'I didn't feel about her as she felt about me.'
3	$\odot$	Stage direction: 'pretty girl in her early twenties, very pleased with life and rather excited.' (Sheila)	24	Sheilo: 'You were the wonderful fairy prince.'
4		Stage direction: 'well-bred young man- about-town.' (Gerald)	25	Inspector: 'Public men have responsibilities as well as privileges.'
5	<b>B</b>	Stage direction: 'half shy, half assertive.' (Eric)	26 (‡)	Mrs B: 'Naturally that was one of the things that prejudiced me against her case.'
6	- <u>`</u> Ġ.	Stage direction: 'Pink and intimate brighter and harder.' (Inspector's arrival)	27	Mrs B: 'she only had herself to blame.'
7	<b>↓</b> ↑	Mr B: 'Lower costs and higher prices.'	28	Mrs B: 'I did nothing I'm ashamed of. You have no power to make me change my mind.'
8	Ŏ	'Sheila: 'Oh – it's wonderful! Look – Mummy – isn't it a beauty?'	29	Mrs B: 'Go and look for the father of the child. It's his responsibility.'
9	<u>\$</u>	Mr B: 'I speak as a hard-headed businessman.'	<sup>30</sup> ×	Mrs B: 'I don't believe it. I won't believe it.'
10		Mr B: 'The Germans don't want war.'	31	Eric: 'I was in that state when a chap easily turns nasty.'
11		'Mr B: 'Unsinkable, absolutely unsinkable.'	32	Eric: Eva 'was pretty and a good sport.'
12	*	Mr B: 'as if we were all mixed up together like bees in a hive – community and all that nonsense.'	33	Eric: 'You're not the kind of father a chap could go to when he's in trouble.'
13		Mr B: 'If we were all responsible for everything that happened to everybody we'd had anything to do with, it would be very awkward.'	34 ◊•••	Eric to Mrs B: "You killed them both - damn you, damn you."
14	0	Inspector: 'A chain of events.'		<ul> <li>Insp: 'used her for the end of a stupid drunken evening, as if she was an animal, a thing, not a person.'</li> </ul>
15		Eric: 'Why shouldn't they try for higher wages?'	36 <b>M</b>	Mr B: 'There'll be a public scandal.'
16		Sheilo: 'But these girls aren't cheap labour – they're people!'	37	Insp: 'There are millions and millions and millions of Eva Smiths and John Smiths still left with us.'
17	é°	Gerald: 'We're respectable citizens and not criminals.'	38	Insp: "We are members of one body."
18	(3)	Sheilo: 'I'll never, never do it again.'	39	Insp: 'If men will not learn that lesson, they will be taught it in fire and blood and anguish.'
19	<b>③</b>	Gerald: 'I've suddenly realised – taken it in properly – that she's dead-'	<b>1</b> 0 €	Eric: 'The money's not the important thing, it's what happened to the girl.'
20	Ħ	Mrs B: 'Girls of that class.'	41	Sheila: 'It frightens me the way you talk.'
21	<b>∱</b>	Sheila to Mrs B: "You mustn't try to build up a kind of wall between us and that girl."	<sup>42</sup> Ŏ	Gerald: 'Everything's all right now, Sheila. What about this ring?'

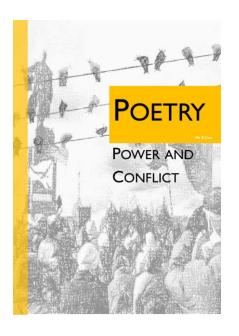


### Seneca Learning



### Read, watch and discuss

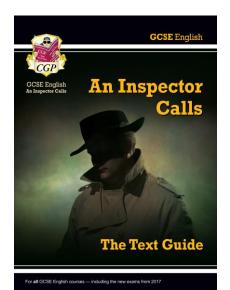


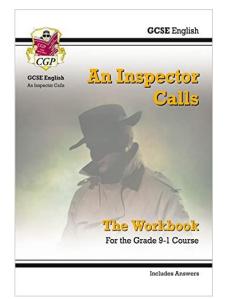


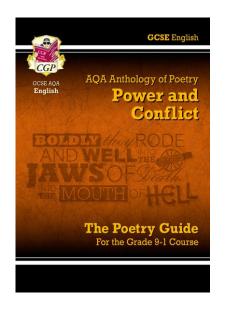


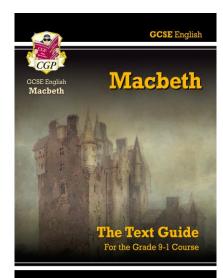


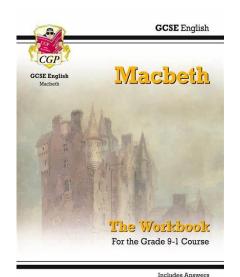
### CGP revision guides

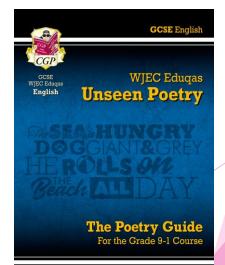












# Science Exam Preparation

**Key Strategies** 

### **SCIENCE**

EXAM	DATE	TIME	TOPICS
Biology Paper 1	Tuesday 17th May	9am	B1, B2, B3, B4
Chemistry Paper 1	Friday 27th May	9am	C1, C2, C3, C4, C5
Physics Paper 1	Thursday 9th June	1pm	P1, P2, P3, P4
Biology Paper 2	Wednesday 15th June	9am	B5, B6, B7
Chemistry Paper 2	Monday 20th June	9am	C6, C7, C8, C9, C10
Physics Paper 2	Thursday 23rd June	9am	P5, P6, P7

### **EXTRA REVISION SESSIONS**

REVISION SESSION	DATE	TIME
Biology for Paper 1	Saturday 14th May	11pm for 2hrs
Chemistry for Paper 1	Saturday 21st May	9am for 2hrs
Physics for Paper 1	Wednesday 8th June	2pm for 2hrs 15mins
Biology for Paper 2	Saturday 11th June	9am for 2hrs 15mins
Chemistry for Paper 2	Saturday 18th June	9am for 2hrs 15mins
Physics for Paper 2	Sunday 19th June	9am for 2hrs 15mins

### **KEY STRATEGIES - ADVANCE INFORMATION**

### Paper Biology 1H 8464/B/1H

For this paper, the following list shows the major focus of the content of the exam:

- 4.1.2 Cell division
- 4.2.2 Animal tissues, organs and organ systems
- 4.4.1 Photosynthesis

### Required practical activities that will be assessed:

- Required practical activity 3: use qualitative reagents to test for a range of carbohydrates, lipids and proteins.
- Required practical activity 4: investigate the effect of pH on the rate of reaction of amylase enzyme.
- Required practical activity 5: investigate the effect of light on the rate of photosynthesis of an aquatic plant such as pondweed.

### Topics not assessed in this paper:

- 4.1.1.5 Microscopy
- 4.1.3 Transport in cells
- 4.2.3 Plant tissues, organs and systems
- 4.3.1.2 Viral diseases
- 4.3.1.4 Fungal diseases
- 4.3.1.5 Protist diseases
- 4.3.1.6 Human defence systems
- 4.4.1.3 Uses of glucose from photosynthesis
- 4.4.2.2 Response to exercise

# Chemistry

# KEY STRATEGIES - ADVANCE INFORMATION

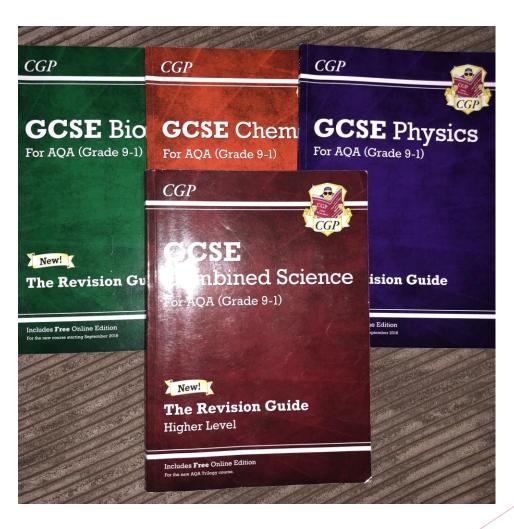
These specification points will be the major focus of this paper.

Exam date: 27th May

All other specification points from C1, other than those on the <u>next slide</u> that are explicitly omitted, **may still be assessed** in multiple choice questions/linked to a previous answer, so cannot be completely ignored in your revision

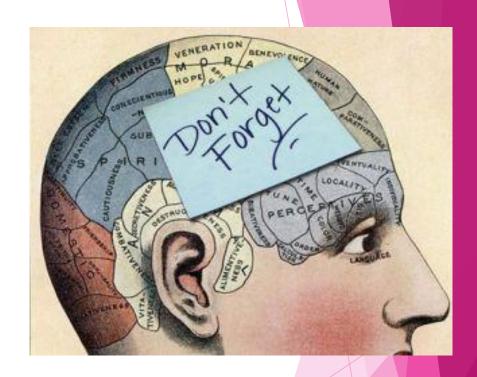
Spec point	Concepts	CGP revision guide pages	Bitesize	YouTube
<b>4.1.2</b> The Periodic Table	-The Periodic Table is arranged in order of proton number -What atoms of elements in the same group have in common -What atoms of elements in the same period have in common -development in the Periodic Table -ions formed from metals and non-metals -trends in physical and chemical properties of group 1,7 and 0 elements - Reactions of group 1 and 7 elements	20-26	https://www.bbc.co.uk/bit esize/guides/z3sg2nb/revisi on/1 https://www.bbc.co.uk/bit esize/guides/zg923k7/revisi on/1 https://www.bbc.co.uk/bit esize/guides/zqwtcj6/revisi on/1	https://www.youtube.com/ watch?v=ldS9roW7lzM&t=1 19s https://www.youtube.com/ watch?v=uwzXfZoCP k https://www.youtube.com/ watch?v=dZGDUKQa 6g https://www.youtube.com/ watch?v=HT1zAPQIBAQ
4.2.1 Chemical bonds, ionic, covalent and metallic	-Describe the process of ionic bonding -Describe the process of covalent bonding -Describe the process of metallic bonding -explain chemical bonding in terms of electrostatic forces and the transfer or sharing of electronswork out the charge on the ions of metals and non-metals from the group number of the element, limited to the metals in Groups 1 and 2, and non-metals in Groups 6 and 7 -Describe the structure of ionic compounds -draw dot and cross diagrams for the molecules of hydrogen, chlorine, oxygen, nitrogen, hydrogen chloride, water, ammonia and methane -Describe the structure of metals	28-31,35	https://www.bbc.co.uk/bit esize/guides/zyydng8/revisi on/1 https://www.bbc.co.uk/bit esize/guides/zcpifcw/revisi on/1 https://www.bbc.co.uk/bit esize/guides/z8db7p3/revis ion/1	https://www.youtube.com/watch?v=6DtrrWA5nkE https://www.youtube.com/watch?v=lenvZEcMc60 https://www.youtube.com/watch?v=lhEm7aAKIDg https://www.youtube.com/watch?v=5I_1]RGSR9E https://www.youtube.com/watch?v=b1y2Q6YX1bQ https://www.youtube.com/watch?v=A-wTpLPICd0&t=13s

# Promote <u>Active Home Study</u> CGP Revision Guides



### **KEY STRATEGIES**

- Revision Guides
  - ► Flashcards
  - Repeating end of chapter questions over and over again
  - Drawing mindmaps
  - ▶ NOT "reading"
  - I would caution against just copying notes
- GCSE Bitesize
  - Links to specific topics off the revision Powerpoint



# AS PARENTS, YOU CAN HELP MORE THAN YOU KNOW

- Additional Learning Attendance
- Push your child to complete Science revision at home
- Revision WeekendSession attendance
- Tassomai
- Monitor your son/daughter's revision timetable to make sure they are revising Advance Information only.
- Let us know if you need help.



# AWARENESS Be aware of the exam timetable.

- Students will often show a very strong preference for one of the three Science subjects.
- ▶ **Be aware** of when each exam is coming up. Your child should not be revising Biology if they have a Physics exam the next day.

### **COMMUNICATE**

- It will very likely have been some time since you yourselves studied Science.
- Contact us at school if you have any questions or if you need clarification on a specific topic.

