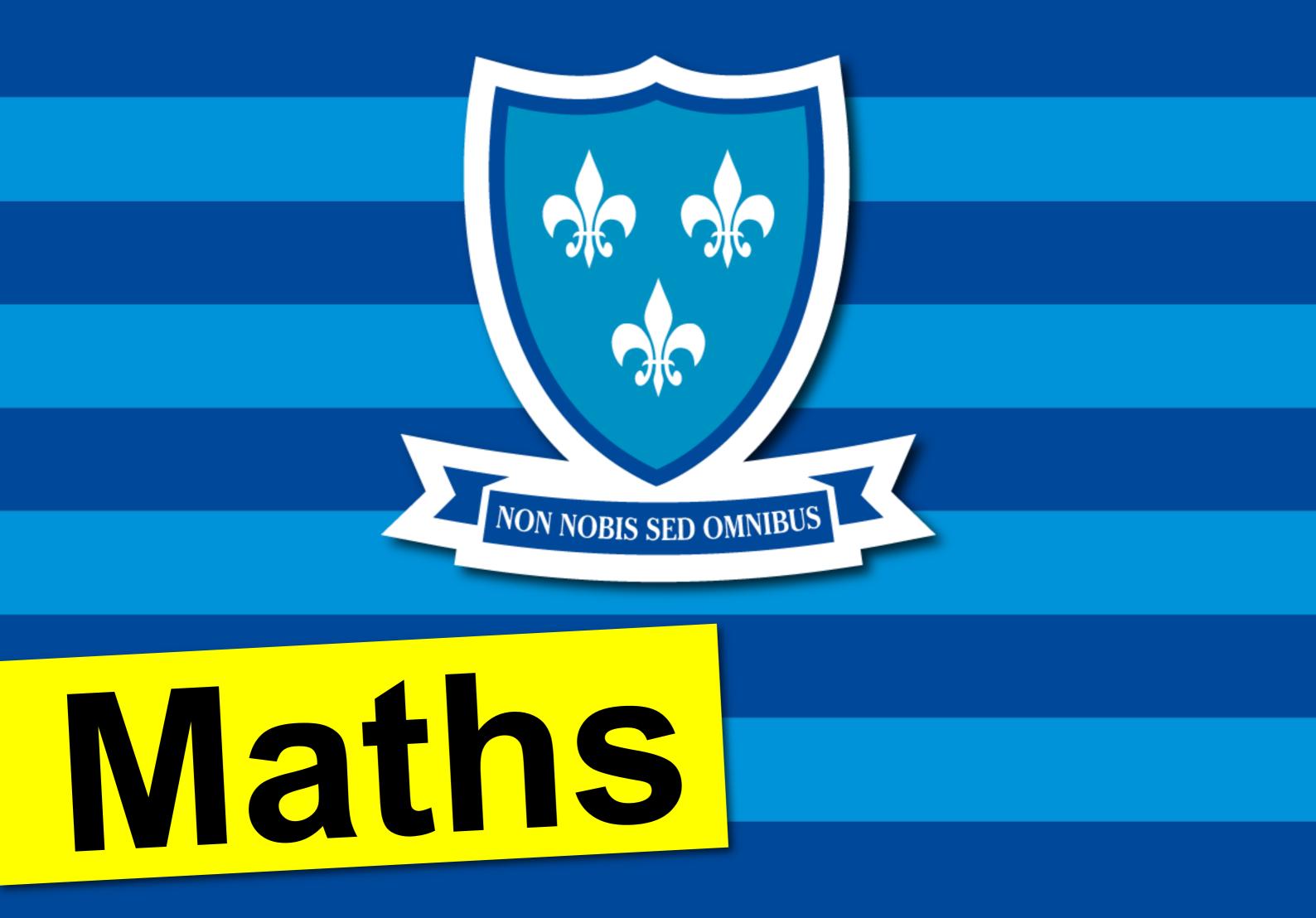
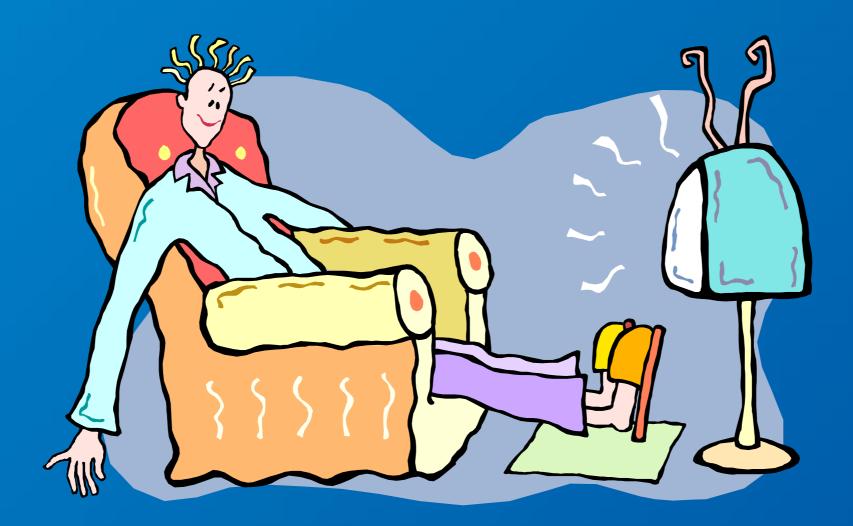


# **Revising for Maths and English Language**



### Maths revision is not a spectator sport!





The best way to revise for your Maths GCSE is by doing as much practice as you can!

You should be aiming to do 2 hours of maths revision a week.

## In class (and at home):

You will receive 4 past papers (and then 6 more after the mocks)

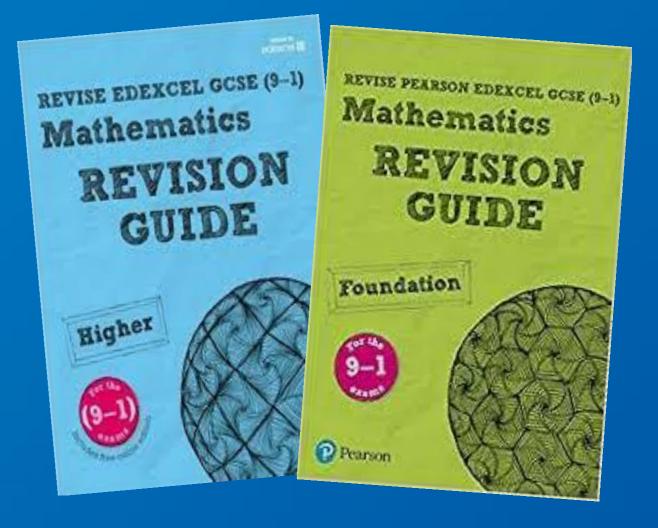
Make the most of the help you will get in class

Don't treat them like exam papers!

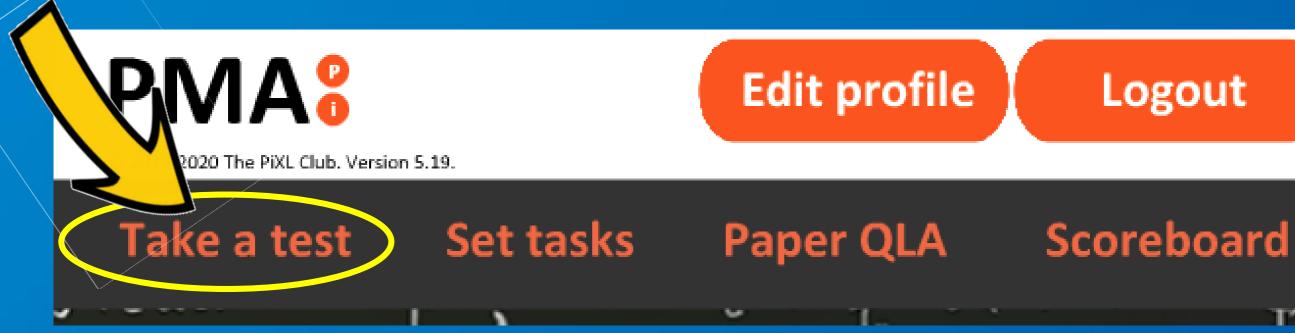
If you get stuck?

### **Revision guide**

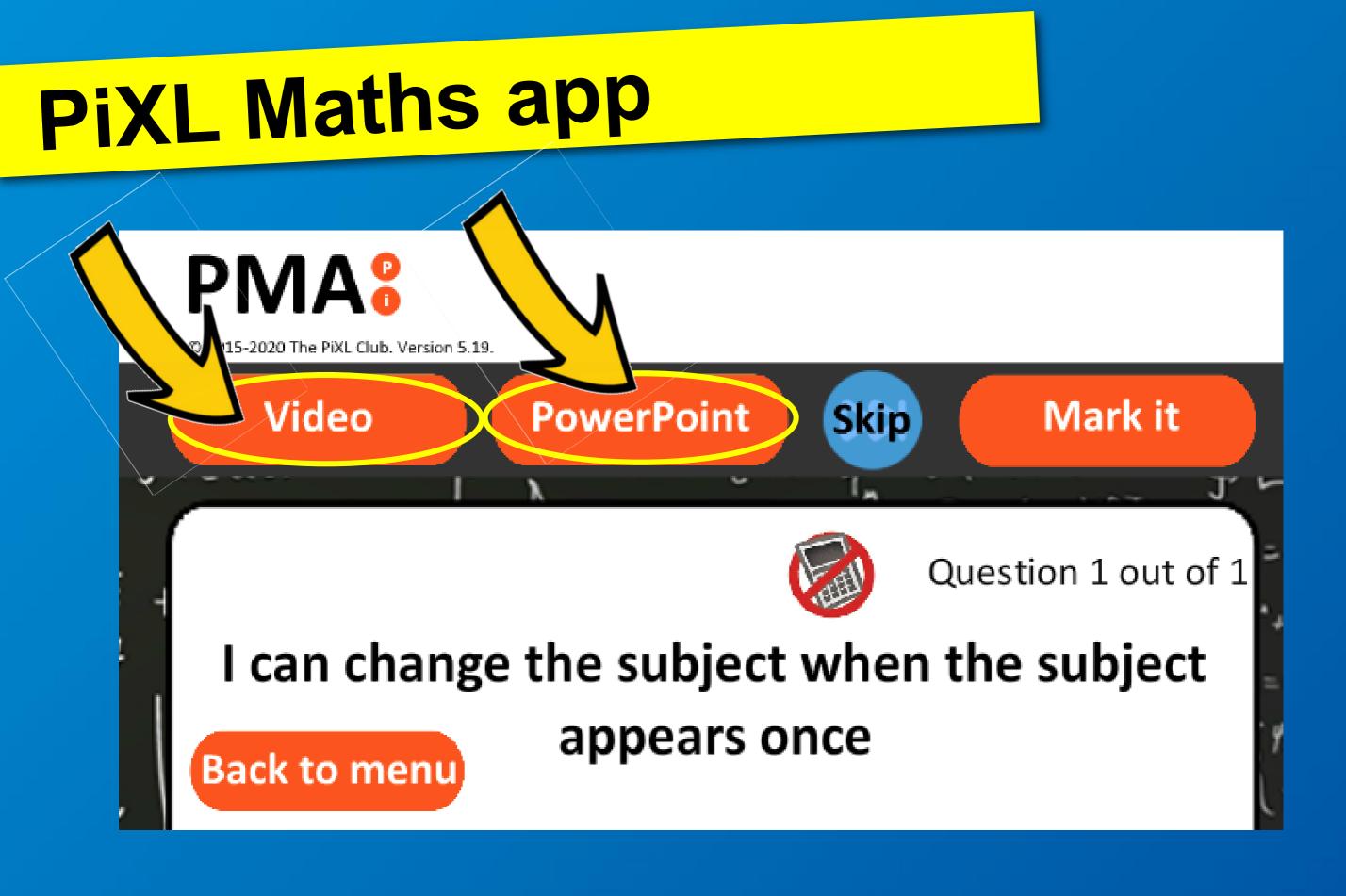
JMBER Had a look Ne	arly there Nailed it!
Indi	ces l
he index laws tell you how to work with <b>powe</b>	
Index laws	2 Cube root
Indices include square roots, cube	The cube root of a positive number
roots and powers. You can use the index laws to	is positive. $4 \times 4 \times 4 = 64$
simplify powers and roots.	$4^{3} = 64$
$a^m \times a^n = a^{m+n}$	3 √64 = 4
$4^3 \times 4^7 = 4^{3+7} = 4^{10}$	1 - X - G
$\frac{a^m}{a^n} = a^{m-n}$	The cube root of a negative
a	number is negative. $-4 \times -4 \times -4 = -64$
$12^8 \div 12^3 = 12^{8-3} = 12^5$	(-4) <sup>3</sup> = -64
$(a^m)^n = a^{mn}$	$(-4)^{2} = -64$
$(7^3)^5 = 7^3 \times {}^5 = 7^{15}$	V-077
Powers of 0 and 1	Indices checklist
Anything raised to the power O is	The base numbers have to
equal to I.	be the same.
$6^{\circ} = 1  1^{\circ} = 1  7223^{\circ} = 1  (-5)^{\circ} = 1$	If there's no index, the
Anything raised to the power I is	number has the power I
equal to itself.	Be careful with negatives:
$8^{1} = 8$ $499^{1} = 499$ $(-3)^{1} = -3$	$(-3)^2 = 9$
	3 is the same as 3!. For part (b), use the rule $\frac{2}{3}$
Worked example	a ~ a - a to simplify the numerator
	then use $\frac{a^m}{a^n} = a^{m-n}$ to simplify the fraction.
(a) Write $6 \times 6 \times 6 \times 6 \times 6$ as a single power of 6. (1 mark)	Remember to write down both steps of your
$6 \times 6 \times 6 \times 6 \times 6 = 6^5$	working and give your answer as a power.
(b) Simplify $\frac{3^8 \times 3}{3^4}$ fully, leaving your answer in index form. (2 marks)	Learn it!
$\frac{3^8 \times 3}{3^4} = \frac{3^9}{3^4} = 3^5$	You need to be able to recognise the
$-3^4 = 3^3 = 3^3$	square numbers up to 15 <sup>2</sup> and the cubes
0005	of I, 2, 3, 4, 5 and IO. You can check
For I(b), start by working out $\frac{9625}{7 \times 11}$	with a calculator but you'll be more
	confident if you learn them.
this is a second second	
Now try this 隊	
1 (a) Write $7^3 \times 7^5$ as a single power	3 (a) Simplify, leaving your answers in
of 7. (1 mark)	index form
(b) $9625 = 5^n \times 7 \times 11$ Find the value of <i>n</i> . (2 marks)	(i) $\frac{2^9}{2^5}$ (ii) $(7^2)^6$ (iii) $5^2 \times 5^0$
a	(3  marks)
<b>2</b> $(\sqrt[3]{-27})^k = 9$	(b) $\frac{3^n}{3^2 \times 3^5} = 3^4$
Write down the value of k. (2 marks)	Find the value of <i>n</i> . (2 marks)

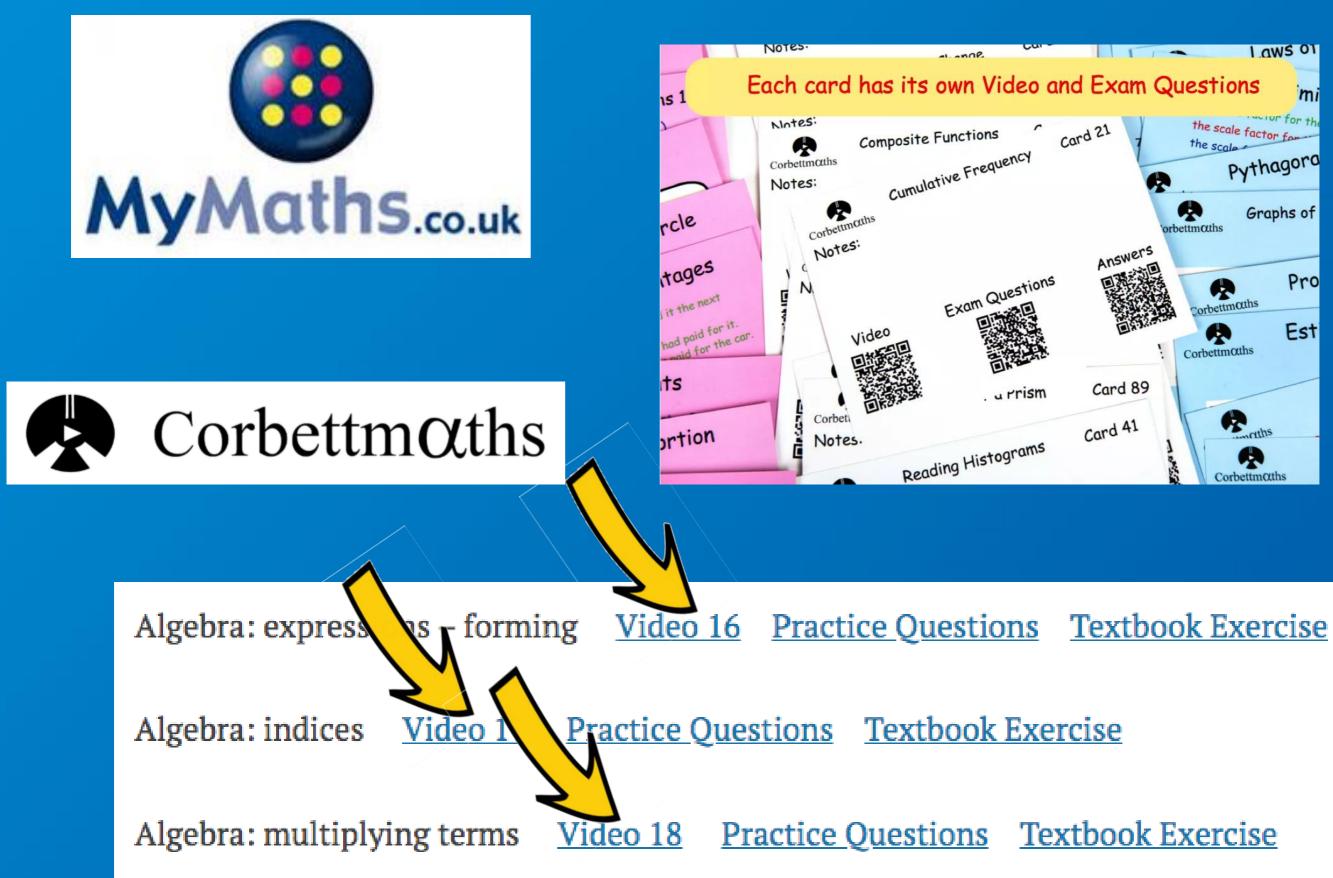


### **PiXL Maths app**



T - U

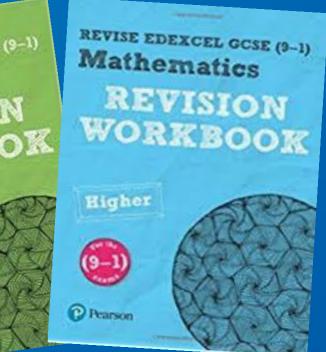




### **More Practice**

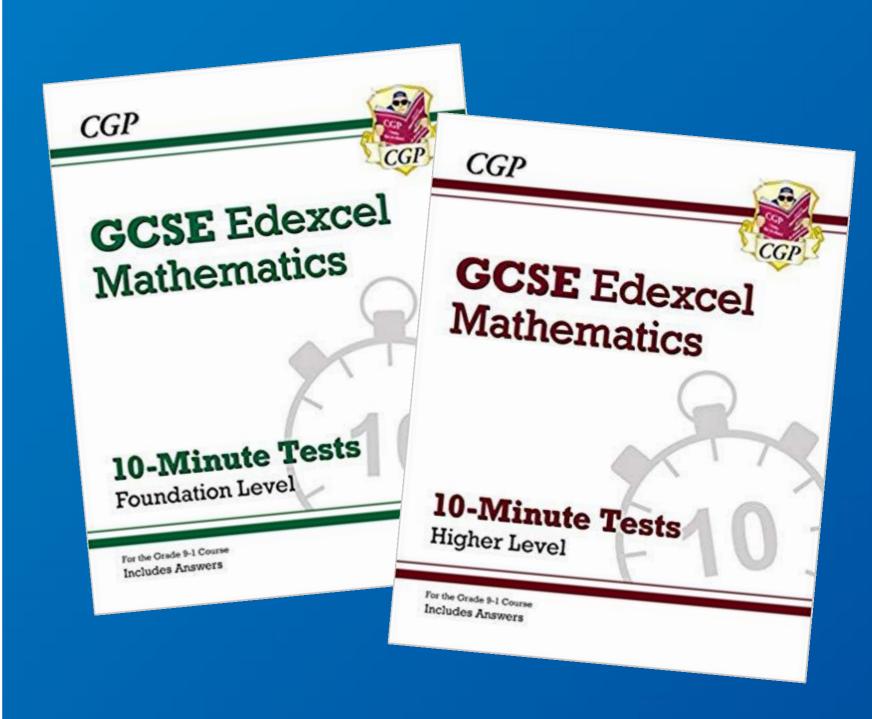
		I	actorising	
$\bigcirc$	1	Factorise (a) $3x + 6$	(b) 2 <i>p</i> – 6	(c) 5y - 15
Guided		= 3(+) (1 mark)	5 7 A	
	2	Factorise		
Guided		(a) $x^2 + 6x$ = $x()$ (1 mark)	(b) $x^2 + 4x$ (1 mark)	(c) $x^2 - 12x$ = $x(\dots, - \dots)$ (2 marks)
			(1 mark)	= x
	3	Factorise fully (a) $3p^2 + 6p$	(b) $8y^2 - 24y$	'Factorise fully' means that you need to take out the highest
> Guided>		= 3p() (1 mark)	(2 marks)	common factor (HCF).
Ø	4	Factorise fully (a) 4d <sup>2</sup> + 12d	(b) $6x^2 - 18x$	If you wrote $4d^2 + 12d = 4(d^2 - 3d)$ you would not have factorised fully, because 4 is not the HCF of
		(2 marks)	(2 marks)	both terms.
Guided	5	(a) $x^2 + 4x + 3$	(b) $x^2 + 11x + 10$	You need to find two numbers that multiply to give 3 and add
2 Guided		× = +3	× = +10	up to give 4.
		$\dots + \dots = +4$ $x^2 + 4x + 3 = (x + \dots)(x + \dots)$	$\dots + \dots = +   $ $x^2 +   x +  0  = (x - 1)$	(v )
		(2 marks)	(2 marks)	
	6	Factorise	× *	
		(a) $x^2 + 6x - 7$	(b) $x^2 + 4x - 5$	(c) $x^2 - 2x - 15$
		(2 marks)	(2 marks)	(2 marks)

<section-header>

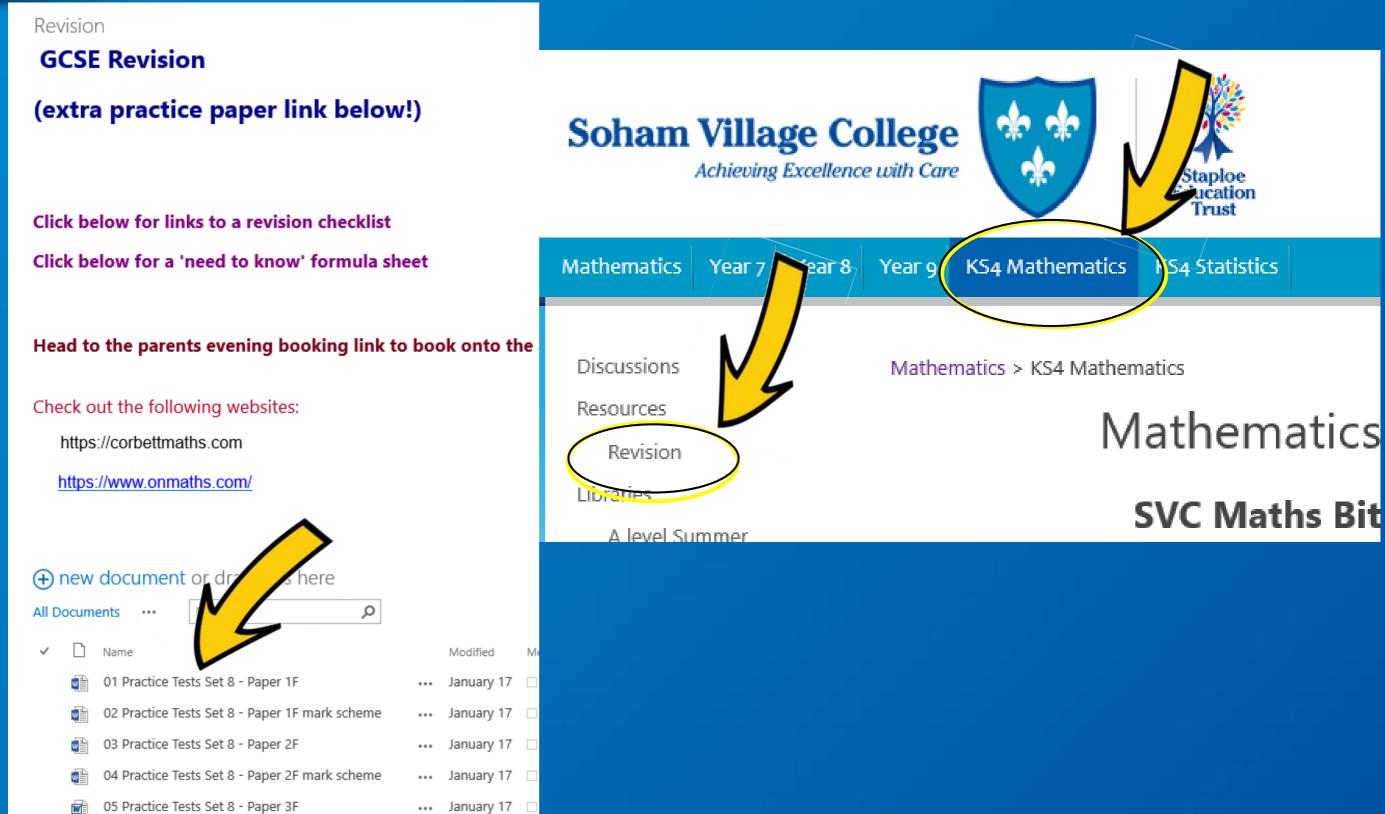


### **10 minute tests**

( <b>10</b> )		Те	st 2		
	There are 7 que		e yourself 10 minutes t calculator for this test.	o answer them all.	۲
1. W	hich of the following	is <b>not</b> equivalent to on	e eighth? Circle your a	nswer.	
	$\frac{3}{24}$	0.125	125%	$\frac{7}{56}$	[1]
2. W	hich of the following	is equal to $9 \times 10^7 + 8$	× 106? Circle your ans	wer.	
	$1.7  imes 10^{14}$	$9.8  imes 10^7$	$8.9  imes 10^8$	$9.8  imes 10^8$	[1]
3. Ca	alculate $\frac{6 \times 8 + 4}{\sqrt{18 - 6 \div 3}}$ .				
					[1]
4. Ex	xpress 280 as a produc	t of its prime factors.			



## Extra set of past papers on the VLE

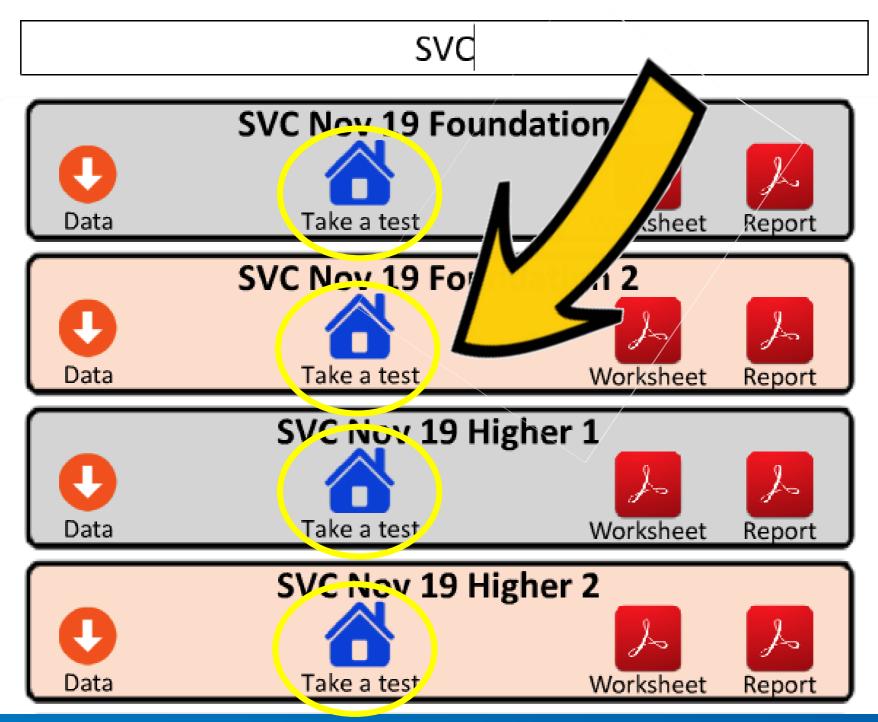


### **PiXL Maths app**



### Paper QLA templates:

Use the search box below to refine the list:



### **MyMaths boosters**

>

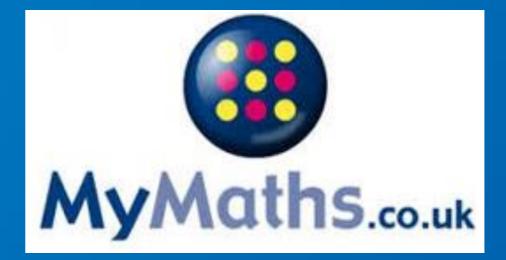
 Revision and assessment

> GCSE booster pack: grades 3 and 4

> GCSE booster pack: grades 4 and 5

> GCSE booster pack: grades 6 and 7

> GCSE booster pack: grades 8 and 9



# Corbettmaths

Name:	5-a-day	Higher
3rd January		
70° ×	Find x and y	Corbettmαths
Simplify √8		
A biased coin is flipped three times.	Find the probability the exactly once.	ne coin lands on tails
The probability of the coin landing on tails is 0.7		
A circular mirror has a diameter of 60 to the nearest centimetre.	)cm	
Find the greatest possible area of the mirror. Give your answer in cm <sup>2</sup>	9	

CSII SOUL

signed for students aiming for Grades 1, 2 and 3.

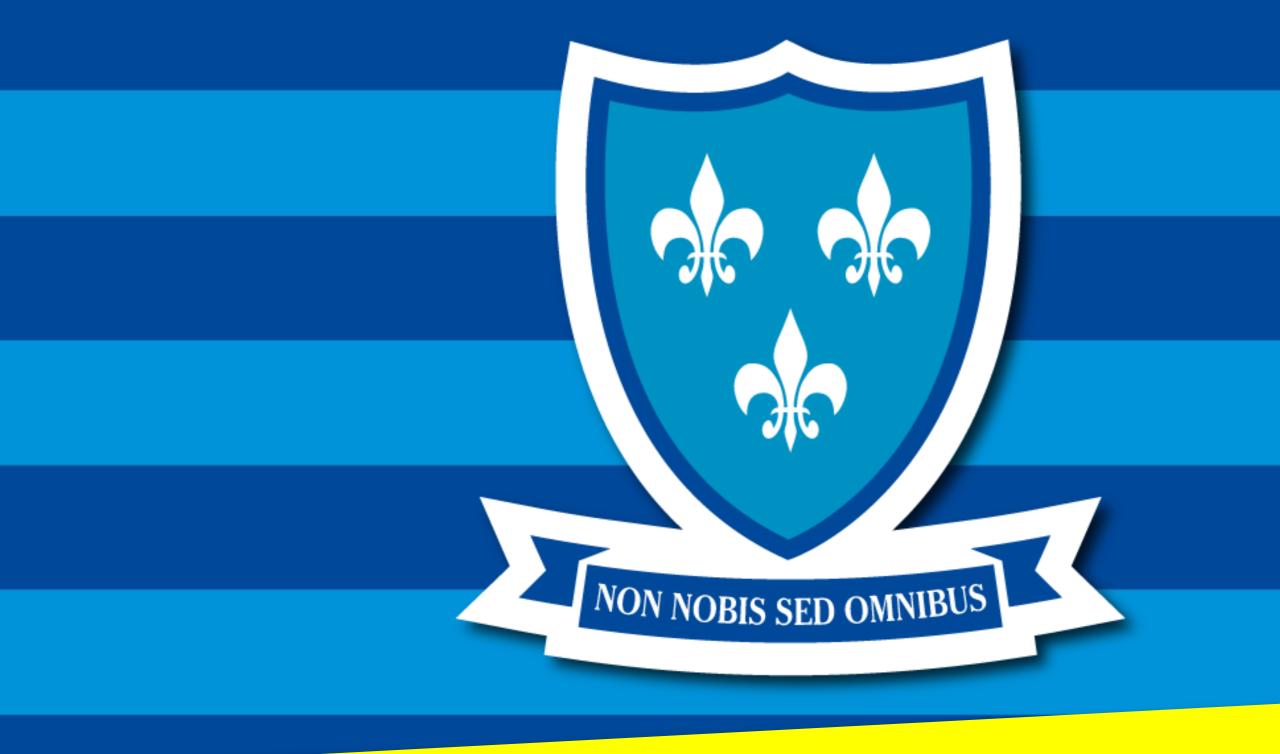
d for students aiming for Grades 3 and 4.

signed for students aiming for Grades 4, 5 and 6.

students aiming for Grades 6 and 7.

d for students aiming for Grades 8 and 9.





# English Language

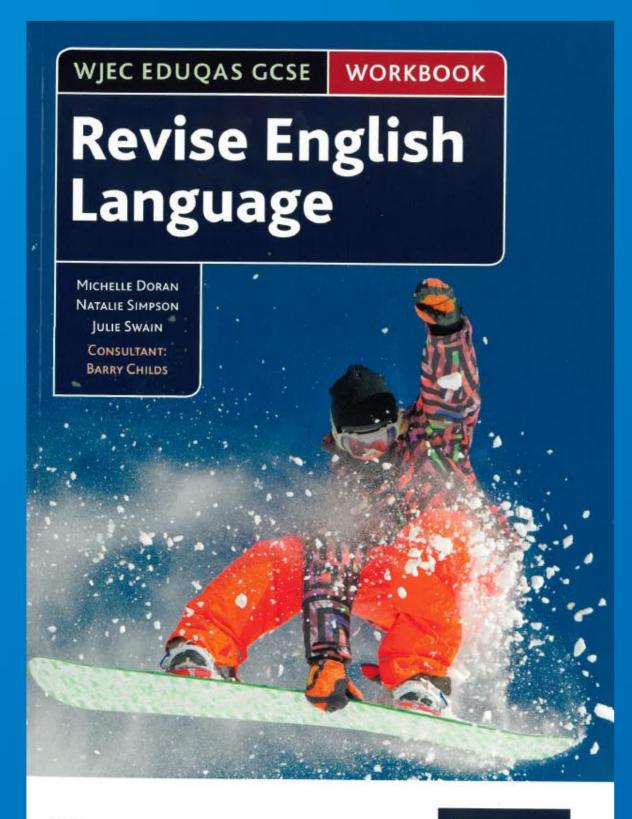


# Nothing can come of nothing.

### William Shakespeare



# What should you be using?



 Priced £4 at SVC (£2.50) cheaper than Amazon) Available in Finance This is everything you need for English Language revision. You should have completed the C1 section by the 18th of March.

OXFORD



# What should you be doing?

### Contents

Introduction	4	Compone
WJEC Eduqas English Language	2	Summary Section A
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How this workbook is structured	5	1 Locat
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4 Developing the narrative: settings		6 Writin
5 Developing the narrative: characters 6 Effective endings		
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 Make sure you are working on the correct section for the March mock. Leave the practice paper at the back for May half term.

ample Component 2 Section B



# What should you be doing?

### Activity 2

a. Read the extract below carefully.

### The Hundred Secret Senses by Amy Tan

Here the narrator is just about to meet her older Chinese step-sister for the first time... I was nearly six by the time Kwan came to this country. We were waiting for her at the customs area of San Francisco Airport. [...] My mother was nervous and excited, talking non-stop: 'Now listen, kids, she'll probably be shy, so don't jump all over her... And she'll be skinny as a beanpole, so I don't want any of you making fun of her...' .

When the customs official finally escorted Kwan into the lobby where we were waiting Aunt Betty pointed and said, 'That's her. I'm telling you that's her.' Mom was shaking her head. This person looked like a strange old lady, short and chubby, not exactly the starving walf Mom pictured or the glamorous teenage sister I had in mind. She was dressed in drab gray pyjamas, and her broad brown face was flanked by two thick braids.

Kwan was anything but shy. She dropped her bag, fluttered her arms, and beliowed, 'Halloo! Hall-ool' Still hooting and laughing, she jumped and squealed the way our new dog did whenever we let him out of the garage. This total stranger tumbled into Mom's arms, then Daddy Bob's. She grabbed Kevin and Tommy by the shoulders and shook them. When she saw me, she grew quiet, squatted on the lobby floor, and held out her arms. I tugged on my mother's skirt. 'Is that my big sister?'

### b. Now record your impressions of Kwan in the table below.

Evidence	Effect
'This person looked like a strange old lady, short and chubby'	The writer uses a simile to compare Kwan to an old lady to convey her small size. We get the sense that she is unusual in appearance through the word 'strange' and perhaps that she looks old before her time.
not exactly the starving waif Mom pictured'	Understatement – the writer contrasts the expectations of the narrator's mother to emphasize the fact that she is 'short and chubby' and her appearance is not what was expected.
'or the glamorous teenage sister I had in mind'	
'She was dressed in drab gray pyjamas'	

 It is a workbook. You just need to work your way through it. Every page should 2<sup>nd</sup> of June.

# be completed by the



# What else could you be doing?

	SECTION A: 40 marks	
Read	I carefully the passage in the separate Resource Material for use with Section A. Then answer all the questions below.	
	n the separate Resource Material is set on a Caribbean island where the main characte I Robbie, are on holiday.	rs,
0 1	Read lines 1-6. List five things you learn about Emma in these lines.	5]
02	Read lines 7-16. What impressions does the writer create of Emma and Robbie in these lines? [ You must refer to the language used in the text to support your answer, using relevant subject terminology where appropriate.	5] ant
0 3	Read lines 17-30.       How does the writer show the character of Emma in these lines?       [1]         You should write about:       • what Emma does in these lines       •         • what Emma does in these lines       • the writer's use of language to show her character       You must refer to the text to support your answer, using relevant subject terminolog where appropriate.	oj øy
04	Read lines 31-55         How does the writer make these lines exciting and dramatic?       [1         You should write about:       • what happens in these lines to build excitement and drama	0]
	<ul> <li>What happens in these lines to build excitement and drama</li> <li>the writer's use of language and structure to create excitement and drama</li> <li>the effects on the reader</li> <li>You must refer to the text to support your answer, using relevant subject terminolo where appropriate.</li> </ul>	gy
0 5	To answer this question you need to read lines 56-70 and also consider to passage as a whole.	
	"The writer uses the walk to Wreck Island to show a change in both Emma and Robbi How far do you agree with this view? [1 You should write about:	e." 0]
	<ul> <li>your thoughts and feelings about how Emma and Robbie are presented in the lines and in the passage as a whole</li> <li>how the writer has created these thoughts and feelings</li> </ul>	se

You must refer to the text to support your answer

 Complete the 2 hour practice paper on Go4Schools. Make sure you **'View full list of** homework tasks'.





### Don't forget...

### COMPONENT OVERVIEW: MAPPING COVERAG

English Language Component 1 Section A: 20th Century Literature R

GCSE English Language - Assessment Obj

GCSE	E English Language – Assessment Obj		
Component 1: (40% of qualification) <u>Section A</u> : 20 <sup>th</sup> Century Reading (20%) – Seg <u>Section B</u> : Creative Prose Writing (Narrative (Both will be revised in Y11.)			
<ul> <li>Read the question very carefully. List your Si</li> <li>Do not copy unselectively; ensure your resp</li> <li>AO1 - Select and synthesise evidence from di</li> </ul>	onse answers the question ifferent text (C25A Q5) h texts. Read the question carefully and ident		
Reading AO2 - Explain, comment on and ana subject terminology to support their views (			
Developing • I make clear points that answer the question • I use some quotations from across the extract to support my points • I make comments on the effects on the reader	Secure • I make a range of thoughtful points tha answer the question • I use quotations from across the entire extract to support my points • I explore how language choices create effects for the reader		
Reading AO3 - Compare writers' ideas and perspectives, as well as how these are convey - This question requires you to talk about both texts. Read the question carefully and iden - Make it clear which text you are referring to by using the writers' names - Compare what the two writers say about the topic outlined in the first bullet point - Use evidence to support your ideas - Use comparative connectives (e.g. similarly, likewise, whereas) - For higher marks, engage with how the writer uses language and other methods for effec			
Reading AO4 - Evaluate texts critically and	support this with appropriate textual refe		
Developing o I give some different opinions, thoughts and feelings in response to the question o I use some quotations from across the extract to support my opinions o I give some justifications of my opinions	Secure o I give a range of different opinions, thoug and feelings in response to the question o I use quotations from across the entire extract to support my opinions o I give a range of justifications, sometimes referring to the writer's methods		
register for different forms, purposes and audi	aginatively, selecting and adapting tone, style : ences. tructural and grammatical features to support		
Developing			
<ul> <li>Use paragraphs correctly (TiPToP)</li> <li>Demonstrate an understanding of the audience and purpose of the text you are writing</li> <li>Include relevant ideas, information and content</li> <li>Communication is clear</li> </ul>			
Secure			
o Demonstrate a clear and consistent unders	<ul> <li>Develop detailed and developed ideas across paragraphs</li> <li>Demonstrate a clear and consistent understanding of the audience and purpose</li> <li>Develop appropriate and detailed ideas, information and content</li> <li>Communication is consistently coherent</li> </ul>		
Advanced			
engage the reader's attention			

- This section tests your understanding of one prose extract (about 60-100 lines) of literature from . assessed through a range of structured questions.
- You have one hour to complete this section. It is worth 20% of your overall English Language ;

### For each question:

- 1. Read the question and underline key words
- 2. Identify the section of text and rule off the relevant lines
- Read the section of text referred to in the question, and highlight key words and phrases tha 3.
- Make sure you write the answer in the time allowed (see timings in table below)
- 5. Then go on to the next question

Q	AO	What do I need to do?
2	AO I Identify explicit and implicit information/ ideas	Read the question very carefully. List your SHORT answers in bullet points     DO NOT ANALYSE.     Do not copy unselectively; ensure your response answers the question     Example:     Q- List five things Megan thinks or feels about being in England.     A - 1) She thinks the rain was 'expected' 2) She feels excited     See below but make 4-5 different points that answer the question     Read the question carefully and identify the focus of the question
4	A02 Explain, comment and analyse haw writers use language! structure to achieve effects and influence the reader.	It could be a how/impressions/thoughts and feelings/tension and drama question Use the language of the question to answer – make your focus explicit to an et - Start at the beginning of the section and work through - Give a wide range of different points that answer the question - For each point, give a piece of evidence from the text (the shorter the better) - Use words from the question to help you word your answer - For higher marks, explore the effects of language choices on the reader - For higher marks, explore the effects of tone and structure on the reader - For higher marks, salt and pepper short, embedded quotations, showing overview Examples: When it says '
5	AO4 Evaluate texts critically and support this with textual references.	This question asks your opinion on a statement to do with the end of the story Every point you make and piece of evidence you select must show how far you ag - Make a wide range of different points, exploring different opinions - For each point, give a piece of evidence from the text (shorter the better) - Use words from the question to help you word your answer - For higher marks, refer to the text as a whole - For even higher marks, probe and explore writer's methods to justify your responses

Verbs of	Analytical	Reader's	Modal	Adve
inference:	verbs:	response:	verbs:	clarit
- suggests - implies - illustrates - depicts - conveys	- creates - establishes - builds - reinforces - evokes	- shocks - intrigues - surprises - overwhelms - inspires	- could - might - may	

### COMPONENT OVERVIEW: MAPPING COVERAGE

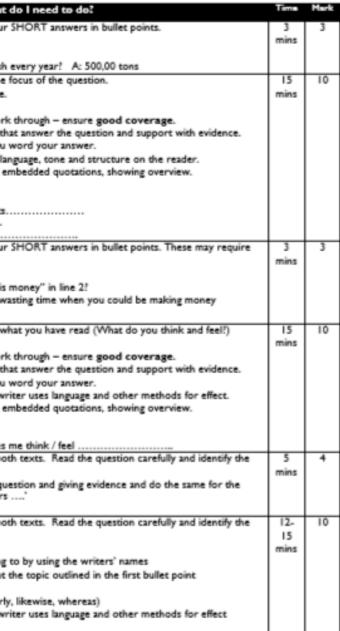
English Language Component 2 Section A: 19th and 21th Century Non-fiction Reading

- theme.
- You have one hour to complete this section. It is worth 30% of your overall English Language grade. ٠
- Read the questions first. Identify the key words in each question. You should use these to help you structure your Ι. response.
- 2. Make sure you check which texts the questions are referring to. This will be made very clear.
- 3. Scan the texts before you start writing.
- 4. Use a highlighter effectively to highlight the information and quotations you will use. 5. Adhere to the timings for each question (see below for more information).

	Q	AO	What
		AOI Identify	- Read the question very carefully. List your
	•	expilcit	- No need for sentences.
		information/	Example:
		\deas	Q: How much food is wasted by the British
	2		Read the question carefully and identify the
성		A02	Use 'the writer' throughout your response.
3		Explain,	
rry.		comment	- Start at the beginning of the text and work
t t		and analyse how writers	- Give a wide range of different points th
21# Century text		use language/	<ul> <li>Use words from the question to help you</li> </ul>
1		structure to	- For higher marks, explore the effects of lar
		achieve	<ul> <li>For higher marks, salt and pepper short, er</li> </ul>
		effects and Influence	-
		the reader	Examples:
		UNE PEODEP	The writer says '' which suggests. The word '' is effective because
			The writer uses a in order to
	3	AOT Identify	- Read the question very carefully. List your
		and	you to interpret implicit information.
		Interpret	Example:
		expilat and	Q: What does the writer mean by "Time is
		Impilat Information	A: If you sit around doing nothing, you're wa
DC		and Ideas.	
9th century text		AQ4	This question will ask for your opinion of wh
10		Evaluate	
Les 1	4	texts critically	- Start at the beginning of the text and work
1		and support this with	<ul> <li>Give a wide range of different points the</li> </ul>
<u> </u>		textual	<ul> <li>Use words from the question to help you</li> </ul>
		references.	- For higher marks, engage with how the wr
			<ul> <li>For higher marks, salt and pepper short, er</li> </ul>
			Examples:
			The writer says '' which makes
	5	AOI	This question requires you to talk about bot
		Select and	specific focus of the question.
		synthesise	- Talk about the first text, answering the que
		evidence from different texts	second. Begin with the words 'Both writers
			- NO NEED TO ANALYSE
_	6	AO3 Company	This question requires you to talk about bot
Both		Compare writers' Ideas	specific focus of the question.
ŵ		and	Make it clear which text you are referring
		perspectives,	<ul> <li>Make it clear which text you are referring</li> <li>Compare what the two writers say about</li> </ul>
		as well as	<ul> <li>Compare what the two writers say about to Use evidence to support your ideas</li> </ul>
		haw these are	- Use comparative connectives (e.g. similarly
		conveyed, ocross two or	<ul> <li>For higher marks, engage with how the wr</li> </ul>
		more texts	
			•



This section tests your understanding of two extracts (about 900-1200 words in total) of high-quality non-fiction writing, one from the 19th century, the other from the 21st century, assessed through a range of structured questions. The two extracts will be linked by



<b>s</b>	Modal	Adverbs of	Adverts of speculation
e:	verbs:	clarity:	
is es elms	- could - might - may	- especially - particularly - notably - prominently - markedy	- possibly - seemingly - arguably - viably - conceivably

# How long should you be spending on English revision?

- 2 hours per week
- 1 hour on English Language
- 1 hour on English Literature (don't forget you still have 'Lord of the Flies' / 'An Inspector Calls' and 'Jekyll and Hyde' / 'A Christmas Carol' quotations to learn).



### You MUST have read...

### **SOHAM VILLAGE** COLLEGE

### Class of 2020

A Useful Guide to the **GCSE Exam Process** (For students & their parents/carers)



Happy to help

Check the school website exams section for information about your exams, results and certificates



### **Exam Guides & Other Information**

The following guides provide information for students; which give a clearer indication of what to expect when taking examinations and how parents and carers can support their children through what can be an emotional time.

A Useful Guide to the GCSE Exam Process for Class of 2020

A Useful Guide to the GCSE Exam Process for Non Year 11 Students taking exams in Summer 2020

Internal Exams Leaflet 2019 to 2020

Exam Survival Guide

Mind Booklet - How to Manage Stress

Special Arrangements Students - Notes

### This will also be emailed directly to you.

### In this section

EXAM GUIDES & OTHER

GCSE COLLECTION

GCSE INFORMATION FOR

TIMETABLES & DATES