



Year 11 GCSE Support Session.

11th February.



Year 11 English

Ms Russell, Leader of English

GCSE Examinations

March Mocks



WADE DEACON
HIGH SCHOOL

Year 11 Mock Examinations Timetable - March 2025

Week	Date	Registration	Period 1	Period 2	Year 11 Break	Period 3	Year 11 Lunch	Period 4	Period 5
		8.45 to 9.00	9.00 to 10.00	10.00 to 11.00	11.00 to 11.15	11.15 to 12.15	12.15 to 12.45	12.45-1.45	1.45 to 2.45
A	Mon 3 March	Registration	English Language Component 1 1h 45m		Break	Normal Lessons	Lunch	Science-Biology 1h 15m / 1h 45m	
A	Tue 4 Mar	Registration	Maths 1 (Non Calculator) 1h 30m		Break	Normal Lessons	Lunch	Science-Chemistry 1h 15m / 1h 45m	
A	Wed 5 Mar	Registration	English Language Component 2 2h		Break	Normal Lessons	Lunch	Science-Physics 1h 15m / 1h 45m	
A	Thur 6 Mar	Registration	English Literature 1 2h		Break	Normal Lessons	Lunch	Maths 2 (Calculator) 1h 30m	
A	Fri 7 Mar	Registration	Maths 3 (Calculator) 1h 30m		Break	Normal Lessons	Lunch	Business 1 1h 45m	
B	Mon 10 Mar	Registration	History 2h		Break	Normal Lessons	Lunch	Geography 2hr	
B	Tue 11 Mar	Registration	Business 2 1h 45m		Break	Normal Lessons	Lunch	Computer Science 1h 30m	

N.B Some Examinations may finish after 2.45pm

1hr 45mins

Reading Section (A) 60 mins
(One text, five questions)

Writing Section (B) 45 mins
(Choice of four titles – do
ONE!)

Top Tips:

- Writing FIRST!
- Answer ALL QUESTIONS
- Stick to the FOCUS of the question.
- QEX.

March Mocks – Component 1 Language



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Writing First

Writing Section (B) 45 mins (Choice of four titles – do ONE!)

3

SECTION B: 40 marks

*In this section you will be assessed for the quality of your **creative prose writing** skills.*

24 marks are awarded for communication and organisation; 16 marks are awarded for vocabulary, sentence structure, spelling and punctuation.

You should aim to write about 450-600 words.

Choose **one** of the following titles for your writing:

Either,

a) A Fresh Start.

Or,

b) Write about a time when you were asked to babysit.


Or,

c) Write a story which begins:
I'd always been told not to cheat.

Or,

d) Write a story which ends:
I knew I had been very selfish.

The space below can be used to plan your work.



Don't

- Choose the 'Write a story that ends with...' option as it can be limiting.
- Leave your story unresolved.
- Make it too complex.

DO

- ✓ Use a story you've prepared and adapt it to a question (even if only slightly)
- ✓ Use paragraphs and vary your sentence starters.
- ✓ SHOW rather than TELL.
- ✓ Use the **narrative arc** or the **burning tree** method.
- ✓ Create real and authentic characters.
- ✓ Focus on a moment in time.
- ✓ Write at least **400/450 words** as stated.

March Mocks – Component 1 Language



Reading Section (A) 60 mins (One text, five questions)

The story in the separate Resource Material is set in Botswana, a country in Africa.

0 1 Read lines 1-8.
List **five** things you learn about Mma Ramotswe in these lines. [5]

0 2 Read lines 10-25.
What impressions does the writer create of Happy Bapetsi in these lines? [5]
You must refer to the language used in the text to support your answer, using relevant subject terminology where appropriate.

0 3 Read lines 26-47.
What are Mma Ramotswe's and Happy Bapetsi's thoughts and feelings in these lines?
How does the writer create these thoughts and feelings? [10]
You must refer to the language used in the text to support your answer, using relevant subject terminology where appropriate.

0 4 Read lines 48-85.
How does the writer show that Mma Ramotswe is clever and effective in these lines? [10]

You should consider:

- what happens in these lines
- the writer's use of language and structure

You must refer to the text to support your answer, using relevant subject terminology where appropriate.

0 5 To answer this question you will need to consider the passage as a whole.
'Men are not presented in a positive way in this passage.'
How far do you agree with this view? [10]

You should write about:

- your thoughts and feelings about how men are presented in the passage as a whole
- how the writer has created these thoughts and feelings

You must refer to the text to support your answer.

Don't

- Spend too long on questions 1 and 2.
- Repeat points you have already made.
- Go beyond the line numbers

DO

- ✓ Rule off for each question, where each section begins and ends.
- ✓ For Q1) you must include the noun.
- ✓ For Q2) short sharp response
- ✓ For Q3 and 4) highlight question FOCUS and respond using QEX – Quotation (well-chosen) and Explanation (LINKING to the FOCUS of the question)
- ✓ Q5 you are evaluating. You **MUST** read the question carefully. Use I agree/partially agree/disagree/think/feel/believe.

GCSE Examinations – March Mocks



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A	Tue 4 Mar	Registration	Maths 1 (Non Calculator) 1h 30m		Break	Normal Lessons	Lunch	Science-Chemistry 1h 15m / 1h 45m	
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A	Fri 7 Mar	Registration	Maths 3 (Calculator) 1h 30m		Break	Normal Lessons	Lunch	Business 1 1h 45m	
B	Mon 10 Mar	Registration	History 2h		Break	Normal Lessons	Lunch	Geography 2hr	
B	Tue 11 Mar	Registration	Business 2 1h 45m		Break	Normal Lessons	Lunch	Computer Science 1h 30m	

N.B Some Examinations may finish after 2.45pm

2hrs

Reading Section (A) 60 mins
(two texts, six questions)

Writing Section (B) 60 mins
(Two tasks – complete both)

Top Tips:

- Writing FIRST!
- Answer ALL QUESTIONS
- Stick to the FOCUS of the question.
- QEX.

Every mark on this paper
is worth 1.5 marks – overall
this paper is worth 60%

March Mocks – Component 2

Language



Writing First

Writing Section (B) 60 mins (Two tasks – you do BOTH)

Page 4

SECTION B: 40 marks

Answer Question **2 1** and Question **2 2**.

In this section you will be assessed for the quality of your writing skills.

For each question, 12 marks are awarded for communication and organisation; 8 marks are awarded for vocabulary, sentence structure, punctuation and spelling.

Think about the purpose and audience for your writing.

You should aim to write about 300 to 400 words for each task.

- 2 1** Write a lively article for your school/college magazine with the title:
'Things I can't live without.' [20 marks]
- 2 2** You have been asked to give a talk to your class about how people in their everyday lives can help protect the environment and save the planet.
Write what you would say in your talk. [20 marks]

Don't:

- Spend too long on the first task without getting to the second.
- Forget to proof-read and correct technical accuracy.

Do:

- ✓ Give both questions equal time and energy
- ✓ Consider Purpose Audience and Format.
- ✓ Use DAFOREST techniques to be persuasive in your writing.
- ✓ Write in paragraphs.
- ✓ Use the correct structure and format.
- ✓ Take on a believable voice.
- ✓ Write at least 300 words as stated, for EACH.
- ✓ Use topic sentences and high level vocabulary.

March Mocks – Component 2

Language



Reading Section (A) 60 mins (two texts, six questions)

Page 2

SECTION A: 40 marks

Answer all the following questions.

The separate Resource Material for use with Section A is a passage from 'Ask an Astronaut' by Tim Peake.

The extract on page 3 is from an article written by Robert Wood in 1896.

Both passages describe remarkable achievements in the history of flight.

Read the passage from 'Ask an Astronaut' in the separate Resource Material.

- 1 1 a) What job did Tim Peake have to do on his spacewalk? [1 mark]
b) Why did Mission Control end the spacewalk? [1 mark]
c) Who did Tim Peake receive a message of support from? [1 mark]

- 1 2 How does Tim Peake try to make his account of his spacewalk vivid and interesting for his readers?

You should comment on:

- what he says
- his use of language, tone and structure
- other ways he tries to make his account vivid and interesting [10 marks]

You must refer to the text to support your comments.

To answer the following questions you must read the article by Robert Wood on the opposite page.

- 1 3 a) How long had Otto Lilienthal been experimenting with flying machines? [1 mark]
b) How high did Otto Lilienthal go in his flying machine? [1 mark]
c) What evidence is there that Otto Lilienthal was pleased with his flight? [1 mark]

- 1 4 "Robert Wood admires Otto Lilienthal's skill in building and flying his 'flying machine.'"

How far do you agree with this statement?

You should comment on:

- what the writer says
- how the writer says it [10 marks]

You must refer to the text to support your comments.

To answer the following questions you must use both texts.

- 1 5 Using information from both texts, identify what Tim Peake and Otto Lilienthal wore for the spacewalk and the flight in the flying machine. [4 marks]

- 1 6 Both of these texts are about remarkable achievements in the history of flight.

Compare:

- the difficulties and dangers faced by Tim Peake and Otto Lilienthal
- how the two writers show these difficulties and dangers [10 marks]

You must use the text to support your comments and make it clear which text you are referring to.

Don't

- Lose track of time.
- Spend too long on quick retrieval tasks or answer in full sentences you don't need to do this.
- Try to compare in question 5.

DO:

- Use the instruction phrase to help you skim and scan for retrieval questions.
- Use the same QEX method for these questions as you have in C1.
- Evaluate for Q4 (like you did for Q5 in C1)
- Q5 here you need to find information for each text and put into your own words.
- Q6 you need to QEX both texts and use a comparative connective in-between, if you can.

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2hrs

Section (A) 60 mins

Macbeth

- Extract Question (20 mins)
- Essay Question (40 mins)

Section (B) 60 mins

Anthology Poetry

- Single poem analysis (20 mins)
- Comparison poem analysis. (40 mins)

Top Tips:

Timing is key for this paper.

Context marks for Poetry.

Technical accuracy marks for Macbeth.

March Mocks - Component 1 Literature



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Section A: Macbeth (60 minutes two questions)

Macbeth

Answer both **2 1** and **2 2**.

You are advised to spend about 20 minutes on **2 1**, and about 40 minutes on **2 2**.

2 1 Read the extract on the opposite page. Answer the following question:

Look at how the characters speak and behave here. How do you think an audience might respond to this part of the play? Refer closely to details from the extract to support your answer. [15]

* **2 2** Lady Macbeth changes throughout the play. Write about some of the ways Lady Macbeth changes and how Shakespeare presents this. [25]

*5 of this question's marks are allocated for accuracy in spelling, punctuation and the use of vocabulary and sentence structures.

5 marks are available for SPAG on this question.
DO – check your spellings and general accuracy.

Don't

- Spend too long on the extract question.
- Make assumptions – stick to the text and what you know.

DO

- ✓ Use your time well 20 – 40 split.
- ✓ Place the extract.
- ✓ Use quotations from the extract.
- ✓ Consider the audience and this text as a play being performed.
- ✓ Track the beginning, middle and end of the extract and the play.
- ✓ Track character and themes looking for change/shifts and developments.
- ✓ For the essay, tell us what you know in direct response to the question.
- ✓ Use quotes and key events.

March Mocks - Component 1 Literature



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Section B: Anthology Poetry (60 minutes two questions)

SECTION B (Poetry)

Answer both **7 1** and **7 2** .

You are advised to spend about 20 minutes on **7 1** , and about 40 minutes on **7 2** .

7 1 Read the poem below, *London*, by William Blake.

London is a poem about a place. How does William Blake present this place in the poem? Refer to the contexts of the poem in your answer. [15]

London

I wander thro' each charter'd street,
Near where the charter'd Thames does flow,
And mark in every face I meet
Marks of weakness, marks of woe.

5 In every cry of every Man,
In every Infants cry of fear,
In every voice, in every ban,
The mind-forg'd manacles I hear.

10 How the Chimney-sweeper's cry
Every black'ning Church appalls;
And the hapless Soldier's sigh
Runs in blood down Palace walls.

15 But most thro' midnight streets I hear
How the youthful Harlot's curse
Blasts the new-born Infants tear,
And blights with plagues the Marriage hearse.

WILLIAM BLAKE



Don't

- Spend too much time on the first question.
- Fail to include any context.

DO

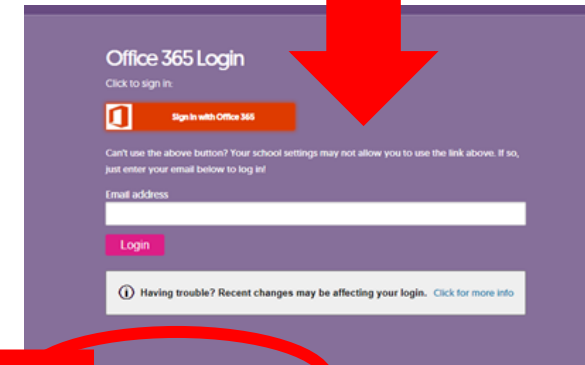
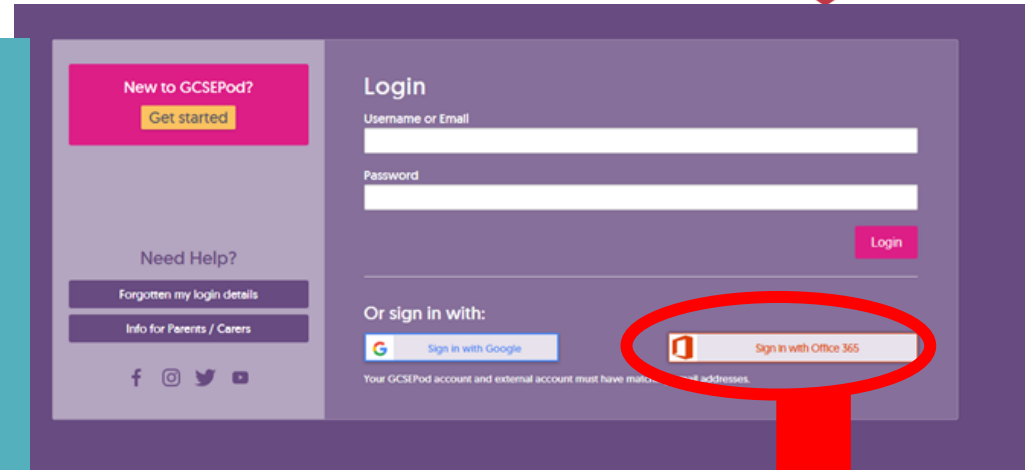
- ✓ Include context – knowledge of the author or the time/place.
- ✓ Use quotations that refer to the theme/focus and track from the beginning, middle and end of the poem.
- ✓ Notice shifts in tone.
- ✓ Consider structure/title – LINK to the focus of the question.
- ✓ Compare as you go *or* a poem at a time.
- ✓ Revise quotations and key ideas in each of the poems.

Online Resources



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Key Images



To Autumn
by John Keats

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Online Resources



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THE PODCAST



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A podcast by teachers from the English department of Wade Deacon High School, helping you stay focused on the key events, characters, themes and quotations from across the set texts.

The Wade Deacon English Department Podcast

<https://feed.podbean.com/wadedeaconenglish/feed.xml>



Off the Cuff: Kingship in Macbeth

Tuesday Jul 14, 2020

In the first of a new series of podcasts in which your teachers record 'off the cuff' conversations about their favourite topics in literature, Ms Noone and Ms O'Malley discuss the theme of kingship in Macbeth.

♥ Likes

Download 206

Share



The Witches in Macbeth

Friday Jun 19, 2020

"[Thunder and lightning. Enter three witches]" is perhaps one of the most famous opening stage directions in the history of theatre. In this episode of the Macbeth Monologues, Ms Noone investigates why the witches are so significant and influential in the text, and Macbeth's changing relationship to them.

♥ Likes

Download 241

Share

Macbeth and the Supernatural – Ms Archer



Poetry Anthologies



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GCSE

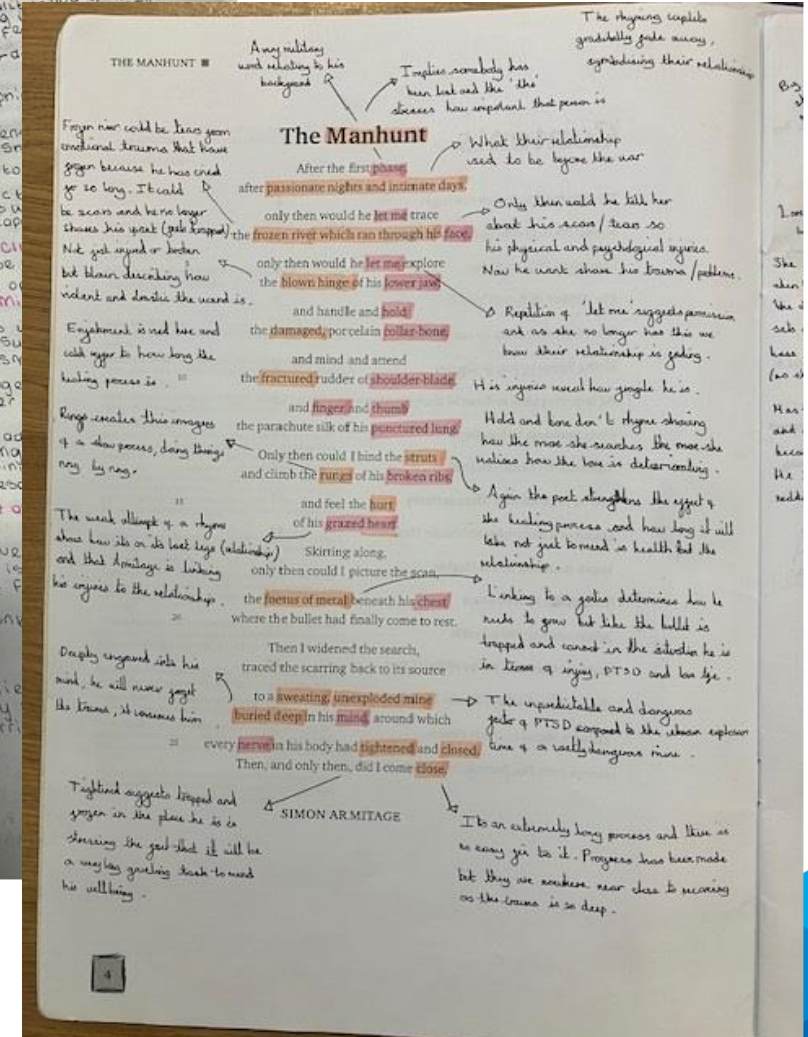
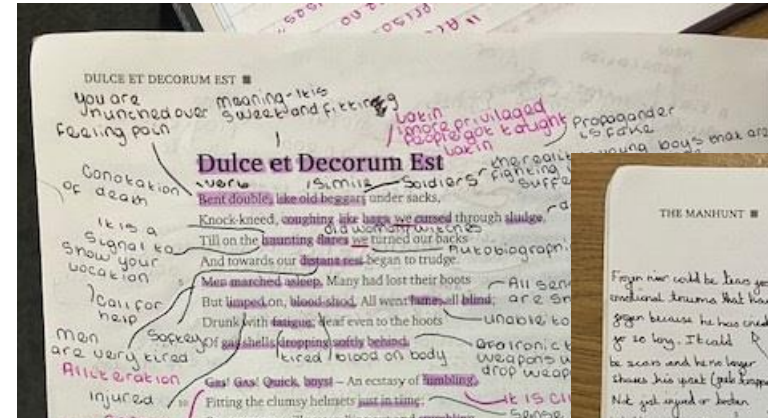
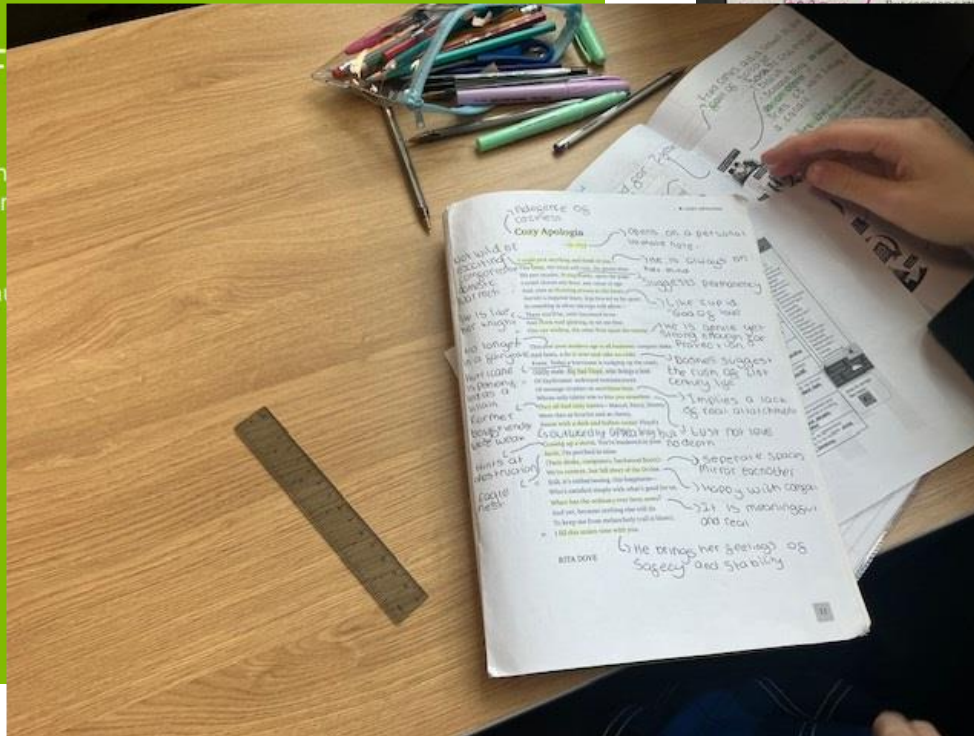


WJEC Eduqas GCSE in
ENGLISH LITERATURE
ACCREDITED BY OFQUAL

SPECIFIC

Teaching from
For award from

Version 2 Jan



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Poetry Revision Cards

Manhunt by Simon Armitage



Key Word Trigger:

1. Intimate
2. Frozen
3. Porcelain
4. Parachute
5. Rungs
6. Grazed
7. Foetus
8. Mine
9. Nerve
10. Close

Context:

- Written for a **Channel 4 documentary** to highlight (documentary).
- Based on the relationship of **Laura and Eddie Beckett**.
- Eddie fought in the **Bosnian War** and suffered with PTSD.

Living Space by Imtiaz Dharker



Key Word Trigger:

1. Straight
2. Problem
3. Parallel
4. Crookedly
5. Clutch
6. Miraculous
7. Squeezed
8. Eggs
9. Fragile
10. Faith

Context:

- Born in Pakistan but raised in Scotland, Imtiaz Dharker is a contemporary poet who has an interest in representing different cultures in her work.
- She has written five collections of poetry and often deals with themes of identity, the role of women in society and the search for meaning.
- Dharker's intimate knowledge of Mumbai is evident in the poem. She works to raise issues in other countries.

London by William Blake



5. Chimney-sweeper
6. Hapless
7. Palace
8. Harlot
9. Plague
10. Marriage-hearse

Context:

- Part of '**Songs of Innocence**' – reflects life's more negative aspects.
- Blake lived and worked in London during the **Victorian era** – a time of great poverty and change.
- Blake was **anti-establishment**. He was against the church, mainly because of its failure to help the poorest in society.
- His **political radicalism** intensified in the years leading up to the **French Revolution**.

SYNERGY BROADCAST: Practice Papers



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Past Papers

www.eduqas.co.uk/qualifications

Please click **Download** on phones and tablets to view the documents.

GCSE English Literature .



New CPD / Professional learning courses available.

Online and face-to-face – book your place in the 'Training' tab below!

Teaching: Sep 2015

Reference Codes 

Key Documents

Overview

Past Papers / Mark Schemes

Resources

Training

Contacts

SYNERGY BROADCAST: Really Useful Booklets

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The Really Useful Booklets

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Poetry
The Really Useful Booklet

The Manhunt is written from the perspective of the wife of a soldier who has returned to civilian life, and the lingering, often painful, memories of his experiences at war. The poem explores the wife's search for her husband, who she seems lost to her, metaphorically, after his experiences at war.

The title puns on the idea of the 'manhunt', meaning literally a hunt to capture a man, often a criminal. Here the wife's search is for the husband she knew so well but who seems lost to her, metaphorically, after his experiences at war.

The use of the metaphor suggests that the jaw is physically and metaphorically broken. This may suggest that he is no longer open with her, perhaps unable to talk of his feelings and experiences.

The clever use of phonology in 'handful' and 'hold' implies intimacy and the need to be careful. The words 'mind' and 'attend' are related to medical attention, suggesting that his wife is attempting to heal her husband. The 'fractured rudder' metaphorically suggests that he has lost his way and can't 'steer' himself - she has to guide him.

Parachutes are used within the military, however a broken parachute is useless. Perhaps this is a reflection of how the man feels about himself. Skills implying how precious he is.

The man has a "grazed heart", perhaps literally from an injury caused by "the metal beneath his chest", but also metaphorically. He is unable to connect with his wife, unwilling to speak of his experiences, and so their loving relationship is affected.

The metaphor of "a sweating, unexploded mine buried deep in his mind" implies that the source of the problem is not physical but mental, and threatens to cause problems at any time.

Perhaps the wife is trying to diffuse him. The importance of the wife's care and delicacy is highlighted by her discovery of this problem, she has to tread carefully as to not trigger PTSD. It is also another example of Armitage borrowing from military language.

Context

Told from the perspective of a soldier's wife - deals with **Traumatic Stress Disorder (PTSD)** and its impact on the soldier and his family.

In the documentary, 'The Manhunt' is read by **Laura**, who **survived as a peace-keeper in Bosnia** before being injured and depression. The poem describes the human cost of war and the effect on their relationship of the physical and mental scars that he bore.

Possible Themes and Links:

- War and its lasting effects - *Marnet Wood: A Wife in London and Dulce et Decorum Est*
- Relationships and love - *Cozy Apologia and A Wife in London*
- Suffering (mental and physical) - *Marnet Wood and Dulce et Decorum Est*

The Really Useful Booklet

FICTION WRITING

Name: _____

... of bustle and liveliness. The ghost sprinkles
... of society.
... am about their very close family bonds,

Nutshell ... Scene Summaries

	AUDIENCE'S REACTION
the battle between the Scots and the Norwegians (Macbeth is fighting).	Intrigued; what are they up to? Jacobean audience would have been alarmed.
Macbeth's role in battle but Macbeth kills him. He is a brave warrior, but a traitor. He betrays the king and his country.	We appreciate how brutal the battle was. The Norwegians nearly won, their flag were in Fife, so Macbeth did an unbelievable job in reclaiming land, protecting Scotland and King Duncan. Macbeth is a true, honourable warrior. It's right that Macbeth should be rewarded for his services.
Macbeth's title should go to Macbeth. The king is angry about the disturbing tale of getting Macbeth's title.	Repulsed by the joyful evil of the witches. Amazed at one prophecy coming true. We can't really believe that brave and noble Macbeth would consider murdering his king.
Macbeth's role in the battle of Glamis, which he is already, but he certainly is not. He is a brave warrior, but a traitor. He betrays the king and his country.	We realise how much the king trusts Macbeth: it makes the possibility of his murder all the more shocking. Macbeth is surprisingly bothered about Malcolm being declared heir - it's a worrying sign to us that he is serious about trying to become king.

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... reveals ...

... near his castle in Forres.

Duncan is super grateful to Macbeth and Banquo for their efforts on the battlefield. The king declares his son Malcom as the heir to the throne; he now has the title of Prince of Cumberland.



Year 11 Science

Ms Coleman

Science



Triple Award Science (sometimes known as 'Separate Sciences' or 'Single Sciences') is where students study all three sciences and end up with three GCSEs.

Double Award Science (also known as 'Combined Science' or 'Trilogy') is where students study all three sciences (Biology, Chemistry and Physics) but end up with *two* GCSEs. The majority of GCSE students in England follow the Double Award course, which covers approximately two thirds of the content covered by Triple Award Science students. They are awarded *two* GCSE grades based on their overall performance across *all three* science subjects.

- Biology (*Paper 1*) 13 May 2025
- Biology (*Paper 2*) 9 June 2025

- Chemistry (*Paper 1*) 19 May 2025
- Chemistry (*Paper 2*) 13 June 2025

- Physics (*Paper 1*) 22 May 2025
- Physics (*Paper 2*) 16 June 2025



Sparx Science

- Students can log into sparx science using their office 365 login →
- Homework is set by class teachers on a weekly basis (This is turned off during assessment periods)
- The independent learning feature can be used as a revision tool and can improve the use of subject specific terms.

Sparx Science

You're logging into **Wade Deacon High School**

[Not your school?](#)

Log in to Sparx using Microsoft

Homework

Independent Learning

Q1

Q2

Q3

Results

Which of the following need to be kept constant inside the body?

Select **all** correct answers

 Temperature Glucose levels in the blood Rate of digestion Amount of brain activity Contraction of muscles Water levels in the blood



Cognito

- This resource provides concise tutorial videos to help plug knowledge gaps.
- Students need to create their own account using their own personal e-mail address. Student will need to select AQA and then their relevant course.
- It is recommended that students watch the video & make notes before completing the multiple choice questions on either **cognito** or **sparx**.
- This website can also be used to accessed AQA past paper questions.



Biology

GCSE Biology - AQA Higher Combined

☰ Study multiple subtopics
Build a quiz or flashcard deck tailored to you by selecting multiple subtopics.

Video lessons Quiz Flashcards Exam practice Past papers

By year By topic

Expand all

- ▼ Combined Science: Synergy 2023
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- ▼ Combined Science: Trilogy 2022
- ▼ Combined Science: Synergy 2021
- ▼ Combined Science: Trilogy 2021
- ▼ Combined Science: Synergy 2020
- ▼ Combined Science: Trilogy 2020
- ▼ Combined Science: Synergy 2019
- ▼ Combined Science: Trilogy 2019
- ▼ Combined Science: Synergy 2018
- ▼ Combined Science: Trilogy 2018



Cognito



Paper 2 Mock Support



The next round of science mock exams will be assessed on content from GCSE Paper 2.

This assessment will be 1hr 15 minutes with a total of 70 marks
(1 hr 45 mins / 100 marks for Separates)

The curriculum will be completed very soon so there may be some Qs on the assessment that have not yet been covered. This will be considered when your work is assessed.

We would like to provide support/guidance about topics that

will be on the paper.

Remember, you may be assessed on any content from Paper 2, but please see table below for a list of general topics that will come up.

Links to useful websites & resources can be found on the right-hand side of this page.

Please see your science teacher if you have any questions.
[Click here for the AQA TRILOGY Specification](#)
[Click here for the AQA SEPARATES Specification](#)

Combined Science Trilogy: FOUNDATION	Combined Science Trilogy: HIGHER	Separates FOUNDATION	Separates HIGHER
Earth's Atmosphere	Crude Oil & Hydrocarbons	Crude Oil & Hydrocarbons	Chemical Analysis: Identifying Ions
Greenhouse Gases	Rates of Reaction	Atmospheric Pollutants	Potable Water
Chemical Analysis: Gas tests	Catalysts	Chromatography	Ammonia & The Haber Process
Chromatography	Atmospheric Pollutants	Earth's Atmosphere	Rates of Reaction
Potable water	Chromatography	Rates of Reaction	Chromatography
Life Cycle Assessments	Reversible Reactions & Equilibrium	Organic Chemistry & Polymerisation	Atmospheric Pollutants
Crude Oil & Hydrocarbons	Potable Water	Using Materials; Alloys, Polymers, etc.	Using Materials; Alloys, Polymers, etc.
Rates of Reaction	Calculating rate using the tangent method	Chemical Analysis: Identifying Ions	Reversible Reactions & Equilibrium
Catalysts	Alternative methods of extracting metals	Ammonia & The Haber Process	Organic Chemistry & Polymerisation
Working Scientifically: Variables		Potable Water	Calculating rate using the tangent method

In addition to your books, Knowledge Organisers, glossaries, MAPs & previous assessments click the links below for helpful resources 🙌

[Sparx Science](#)

[Cognito Science Videos](#)

[Kerboodle.com](#)

[BBC Bitesize Science AQA](#)

Approaching 6 Mark Questions



B.U.S.Y

Box the
command word

Underline
the keywords

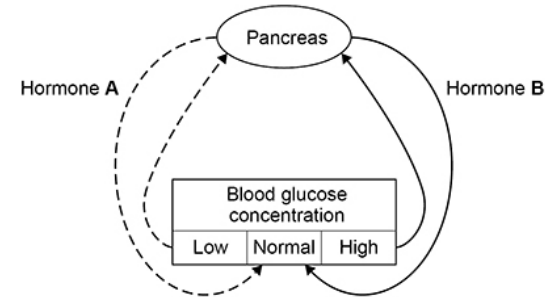
Scribble
your ideas

You are ready
to go!

Exam expectations

Blood glucose concentration in the human body needs to be kept within the normal range.

The figure below shows that two hormones control blood glucose concentration.



- (c) Explain how the two hormones in the figure above keep the blood glucose concentration within the normal range for 3 hours after a meal.

Insulin – secreted by the **pancreas** when glucose is high so glucose enters cells and is converted into glycogen. **This returns blood glucose to the normal range.**

Glucagon – secreted by the **pancreas** when glucose is low so glycogen is broken down in the liver and released into the bloodstream. **This returns blood glucose to the normal range.**

Table 1

	No beta blockers taken		Taking beta blockers	
	At rest	During exercise	At rest	During exercise
Heart rate in beats per minute	68	150	52	88
Stroke volume in cm ³	80	120	X	98
Cardiac output in cm ³ per minute	5440	18 000	2800	8624

0 1 4 Calculate stroke volume X in Table 1.

Use the equation:

$$\text{cardiac output} = \text{stroke volume} \times \text{heart rate}$$

Give your answer to 2 significant figures.

[3 marks]

$$\frac{CO}{SV \times HR}$$

$$SV = \frac{CO}{HR}$$

$$SV = \frac{2800}{52} = 53.84615385$$

Stroke volume X = 59 cm³

No marks can be given for the equation triangle, but the correct rearrangement is shown.

The final answer is wrong, but it's correctly rounded to 2 significant figures so 2 marks are given.

Without the working out, the answer of 59 would have scored no marks.

Graphs



You should:

- label the x-axis
- use a suitable scale
- plot the data from **Table 9** and your answer to Question **09.4**
- draw a line of best fit.

Example

Power output of bulb in watts	Volume of oxygen collected in 20 minutes in cm ³	Rate of photosynthesis in cm ³ /hour
60	0.5	1.5
100	0.8	2.4
150	1.1	X
200	1.2	3.6
250	1.2	3.6

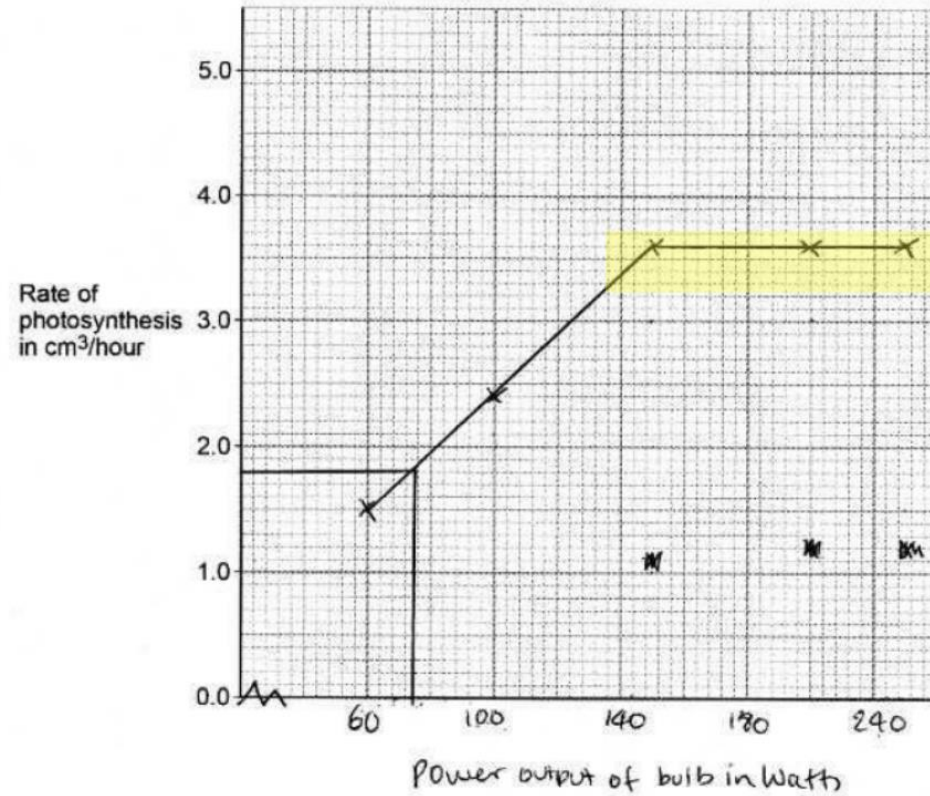
09.5 Complete Figure 15.

You should:

- label the x-axis
- use a suitable scale
- plot the data from **Table 9** and your answer to Question **09.4**
- draw a line of best fit.

Figure 15

Figure 15



One point is plotted incorrectly.

The line should be a curve.

Uneven scale and no scale after 240 – we don't know what the scale will be above 240.

Top tips

Use at least half of the graph paper to draw the graph.

Look at the question carefully – tick the bullet points as they are completed.

Make sure to plot (0,0) if it's included in the data.

A normal pencil, eg HB, can be used to draw a graph as mistakes can be rubbed out.

Look at the pattern of the data to decide if it should be a curve or straight line of best fit.

Explanation

Students should be encouraged to use as much of the graph paper as possible so the scale is appropriate and the examiner can clearly see the points they have plotted.

Dots or crosses can be used when plotting points but dots may be hidden by any line of best fit they draw.

Lines of best fit need to be smooth not jagged and can be curved or straight depending on the data and all data asked for needs to be plotted.



Resource Links

Sparx Science www.sparxscience.com **Free** **Sparx Science**

- Online Resource with access to textbooks, exam questions and retrieval tasks

Kerboodle www.kerboodle.com **Free** **kerboodle**

- Online Resource with access to textbooks, exam questions and retrieval tasks

Focus E-Learning www.focuseducational.com **Free**

- Interactive resource to allow students to conduct practical work at home

Cognito (**Free/£50 for Pro Version**) www.cognitoedu.org



Cognito

- Revision platform that includes tutorial videos, quiz questions and exam practice.

MygcseScience (£25/£50 per license) www.my-gcse-science.com

- Revision platform that includes tutorial videos, quiz questions and exam practice.



Exam Questions listed by topic <https://www.revisely.com/gcse/combined-science/aqa/questions> **Free**

Full Past Exam Papers and mark scheme <https://revisionscience.com/gcse-revision/science/science-gcse-past-papers/aqa-gcse-science-past-papers> **Free**



Year 11 Mathematics

Mr Steel



Year 11 - Mathematics

Miss McDonald, Key Stage Four Leader of Maths
Mr Steel, Lead Practitioner in Maths



Mock Exam Dates

4th, 6th, 7th March – 3 x 1h30 papers

Exam Dates

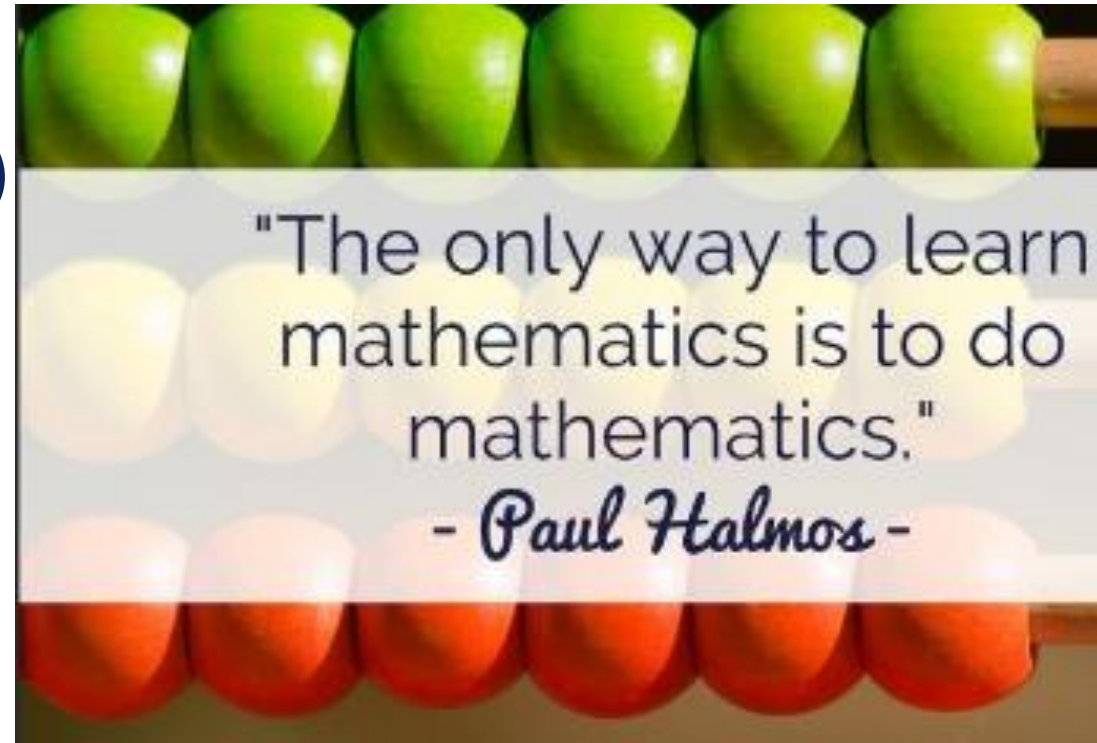
Thursday 15th May – Paper 1
(Non Calculator)

Wednesday 4rd June – Paper 2
(Calculator)

Wednesday 11th June – Paper 3
(Calculator)

Year 11 Mathematics STRATEGIES

- QLA (Question Level Analysis)
- Sparx Maths
- Past Papers/Topic Booklets
- Useful Websites





Question Level Analysis(QLA)

Mathematics Assessment Feedback

Paper P2S1 Paper 1
Name Example Student
Teacher

sparx

Questions	Topic	Score	Sparx Code
1	Sharing amounts in a given ratio	2 / 2	U577
2	Constructing and solving equations	4 / 4	U599
3	Finding the volume and surface area of cubes and cuboids	4 / 4	U786,U929
4a	Estimating calculations, Calculating with speed	3 / 3	U225,U151
4b	Estimating calculations	0 / 1	U225
5	Finding fractions of amounts without a calculator	3 / 4	U881
6a	Tree diagrams for independent events	1 / 2	U558
6b	Tree diagrams for independent events	2 / 2	U558
7	Graphs of cubic functions	1 / 1	U980
8	Finding the area of circles	3 / 3	U950
9a	Solving inequalities with the variable on both sides	3 / 3	U738
9b	Factorising to solve quadratic equations of the form x^2+bx+c	0 / 2	U228
10a	Drawing box plots	1 / 3	U879
10b	Comparing populations using box plots and cumulative frequency graphs	1 / 2	U507
11a	Finding unknown sides in similar shapes	0 / 2	U578
11b	Finding unknown sides in similar shapes, Sharing amounts in a given ratio	2 / 2	U578,U577
12	Enlargement by a positive or negative scale factor	0 / 2	U134
13	Finding the surface area and volume of similar shapes	4 / 4	U110
14	Constructing inverse proportion equations	2 / 3	U138
15	Combining ratios	1 / 3	U921
16	Constructing and solving quadratic equations	0 / 5	U150
17	Using Pythagoras' theorem in 2D, Constructing and solving simultaneous equations	3 / 3	U385,U137
18a	Simplifying surds, Multiplying and dividing surds	1 / 1	U338,U633
18b	Expanding brackets with surds	0 / 2	U499
18c	Rationalising denominators containing two terms	1 / 2	U281
19	Tree diagrams for independent events	0 / 2	U558
20	Finding inverse functions	5 / 5	U996
21	Graphs of exponential functions	1 / 4	U229
22	Angles in segments and cyclic quadrilaterals	0 / 4	U251
Total		48 / 80	

SPARX Maths



Compulsory Homework – Students must have 100% complete and correct

XP Boost & Target – Optional

Independent Learning – Use the QLA for personalised topics



SPARX Maths

Sparx Maths

5,815 XP Teach



Compulsory

Hey Teacher,

This is your personalised Compulsory homework. You need to answer every question correctly to complete it.

0/0



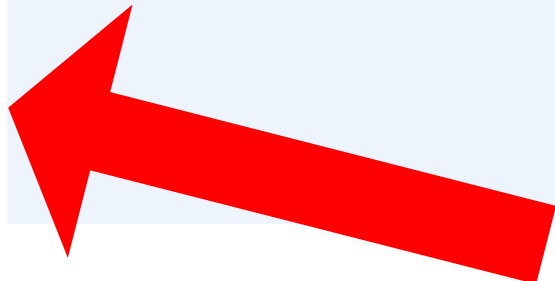
XP Boost



Target



Independent
Learning




SPARX Math



4a	Estimating calculations, Calculating with speed	3 / 3	U225 U151
4b	Estimating calculations	0 / 1	U225
5	Finding fractions of amounts without a calculator	3 / 4	U881
6a	Tree diagrams for independent events	1 / 2	U558

< Sparx Maths


 Back to homework

Independent Learning

Find topics


My activity


Search for topics:


Your curriculum:


Default level:


Select a topic:


Number 

Algebra 

Ratio and Proportion 

Geometry 

Probability 

Statistics 



SPARX Maths



Sparx Maths

Back to homework

Independent Learning

Find topics | My activity

Search for topics: Your curriculum: Default level:

1 topic found [Clear search](#)

Number > Rounding
Estimating calculations - U225

Ratio and Proportion | Geometry | Probability | Statistics





SPARX Maths




< Sparx Maths

[Independent learning](#) > [Number](#) > [Rounding](#)

Estimating calculations - U225 Level 3 ✓ ★ ★ ▾ ⓘ

∨ Show building blocks

Estimating

 Introduce	Question 1 Answer	Question 2 Answer	Question 3 Answer	Question 4 Answer	Question 5 Answer	Question 6 Answer
 Strengthen	Question 1 Answer	Question 2 Answer	Question 3 Answer	Question 4 Answer	Question 5 Answer	
 Deepen	Question 1 Answer	Question 2 Answer	Question 3 Answer	Question 4 Answer	Question 5 Answer	Question 6 Answer

SPARX Maths



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Sparx Maths Independent Learning

5,815 XP Teacher

3A

3B

3C

3D

3E

Summary

Bookwork code: 3A



Calculator
not allowed

Molly buys 19 textbooks, which cost £7.83 each.
By first rounding both numbers to 1 significant figure, estimate the total amount of money Molly spends.
Give your answer in pounds (£).

 Watch video

Answer



SPARX Maths



Mario buys **284** calculators, which cost **£9.21** each.

By first rounding both numbers to 1 significant figure, estimate the total amount of money Mario spends. Give your answer in pounds (£).

Write a calculation for the amount of money Mario spends

$$284 \times 9.21$$

Round each number in the calculation to **1 significant figure**

Split the number after the first significant figure

If the next digit is **4 or below, round down**

5 or above, round up

Replace any digits after the split but before the decimal point with zeros

Multiply the rounded values together

$\begin{array}{c} \downarrow \\ \begin{array}{c} 1 \quad 2 \quad 3 \\ 2 \quad 8 \quad 4 \\ \hline = 3 \quad 0 \quad 0 \\ \text{to 1 s.f.} \end{array} \end{array}$	$\begin{array}{c} \downarrow \\ \begin{array}{c} 1 \quad 2 \quad 3 \\ 9 \quad . \quad 2 \quad 1 \\ \hline = 9 \\ \text{to 1 s.f.} \end{array} \end{array}$
--	--

$$300 \times 9 = 2700$$

Remember units (£)

£2700 ans

Past Papers

• www.mathsgenie.co.uk



Maths Genie

GCSE Revision

GCSE Papers ▾

A Level Revision

A Level Papers ▾

KS2 Revision

Resources

Edexcel Exam Papers

OCR Exam Papers

AQA Exam Papers

Edexcel GCSE Exam Papers

Education accepts no responsibility whatsoever for the accuracy or method of working in the answers given.

[Grade Boundaries](#)

For GCSE Maths I am using the Casio Scientific Calculator: [Casio Scientific Calculator](#)

Foundation GCSE Exam Papers

Paper	Answers
2020 Paper 1	MS Ans ▶
2020 Paper 2	MS Ans ▶
2020 Paper 3	MS Ans ▶
November 2019 Paper 1	MS Ans ▶
November 2019 Paper 2	MS Ans ▶
November 2019 Paper 3	MS Ans ▶
June 2019 Paper 1	MS Ans ▶
June 2019 Paper 2	MS Ans ▶
June 2019 Paper 3	MS Ans ▶

Hannah Kettle

MATHS TUTORIALS

www.hannahkettlemaths.co.uk





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Write your name here

Surname Other names

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)

Mathematics  
FOR FULL VIDEO SOLUTIONS
SCAN THE QR CODE
youtube.com/@hannahkettlemaths **Higher Tier**

Half Past Paper – Week 1

Total Marks

Q	Topic	Marks	Sparx Code
1a	Adding and subtracting mixed numbers	2	U793
1b	Dividing with mixed numbers	2	U538
3	Converting units, Finding the percentage an amount has been changed by	4	U388,U278
5a	Plans and elevations	2	U743
5b	Finding the surface area of pyramids	4	U871
7	Combining transformations	2	U766
9a	Indices of the form $1/a$	1	U985
9b	Calculating with roots and powers	1	U851
9c	Indices of the form a/b , Index rules with negative indices	2	U772,U694
11	Circle theorems for chords and tangents	5	U489

Corbett Maths



WADE DEACON
HIGH SCHOOL

A COMMITMENT TO EXCELLENCE

Corbettmαths

GCSE Higher
100 Days to Go
Revision Book

100 Days to Go



How to Use



Revision Cards



Revision Resources



100 Days - Angles in Parallel Lines.....	1	60 Days - Graphical Inequalities.....	45
98 Days - Angles in Polygons.....	2	58 Days - Constructions & Loc.....	46
96 Days - Pythagoras.....	3	58 Days - Volume of a Prism.....	47
97 Days - Area of Circles/Sectors.....	4	57 Days - Volume of Cones/Pyramids....	48
96 Days - Translations & Reflections.....	5, 6	56 Days - Volume of a Frustum.....	49
96 Days - Rotations.....	7	56 Days - Volume of a Sphere.....	50
94 Days - Enlargements.....	8, 9	54 Days - Surface Area.....	51
93 Days - Circle Theorems.....	10, 11	53 Days - Bearings.....	52, 53
92 Days - Circumference & Arc Length.....	12	52 Days - Area of a Triangle.....	54
91 Days - Trigonometry.....	13	51 Days - Sine Rule.....	55
90 Days - Fractions.....	14	50 Days - Cosine Rule.....	56
89 Days - Product of Primes, LCM, HCF....	15	49 Days - Error Intervals.....	57
88 Days - Percentage Change.....	16	48 Days - Product Rule for Counting....	58
87 Days - Recurring Decimals.....	17	47 Days - Surds.....	59
86 Days - Compound Interest.....	18	46 Days - Rationalising Denominators....	60
85 Days - Reverse Percentages.....	19	45 Days - Limits of Accuracy.....	61
84 Days - Indices.....	20	44 Days - PRACTICE PAPER 1.....	62
83 Days - Standard Form.....	21	43 Days - ANSWERS.....	62
82 Days - Best Buys, Currency, Mean.....	22	42 Days - Direct Proportion.....	63
81 Days - 3D Trigonometry.....	23	41 Days - Inverse Proportion.....	64
80 Days - Pie Charts & Two-way Tables....	24	40 Days - Ratio.....	65, 66
79 Days - Scatter Graphs.....	25	39 Days - Percentages.....	67
78 Days - Cumulative Frequency.....	26	38 Days - Graphical Simultaneous Eqn....	68
77 Days - Box Plots.....	27	37 Days - The nth Term.....	69, 70
76 Days - Drawing Histograms.....	28	36 Days - Quadratic nth Term.....	71
75 Days - Reading Histograms.....	29	35 Days - Quadratic Formula.....	72
74 Days - Tree Diagrams.....	30	34 Days - Quadratic Inequalities.....	73
73 Days - Conditional Probability.....	31	33 Days - Non-Linear Simultaneous.....	74
72 Days - Estimated Mean.....	32	32 Days - EQUIPMENT.....	75
71 Days - Venn Diagrams.....	33	31 Days - Rates of Change.....	76
70 Days - Changing the Subject.....	34	30 Days - Area Under a Graph.....	77
69 Days - Expanding Brackets.....	35	29 Days - Composite Functions.....	78, 79
68 Days - Simultaneous Equations.....	36	28 Days - Inverse Functions.....	80
67 Days - Factorising Quadratics.....	37	27 Days - Algebraic Proof.....	81
66 Days - REVISION TIPS.....	38	26 Days - Equation of a Tangent.....	82
65 Days - Similar Shapes.....	38	25 Days - Trigonometric Graphs.....	83
64 Days - Equation of a Line.....	40, 41	24 Days - Transforming Graphs.....	84
63 Days - Parallel Lines.....	42	23 Days - Iteration.....	85
62 Days - Perpendicular Lines.....	43	22 Days - PRACTICE PAPER 2.....	86
61 Days - Equation of a Circle.....	44	21 Days - ANSWERS.....	86

Angles: Parallel Lines

100 Days to Go

100 Days to Go Video

Revision Card Number: 1

Video Number: 25

Which angle is corresponding to h?

Which angle is alternate to c?

AB is parallel to CD.
Work out the size of x
Give a reason for your answer

Work out the size of x
Give a reason for your answer

PQ and RS are parallel.
Work out the value of x

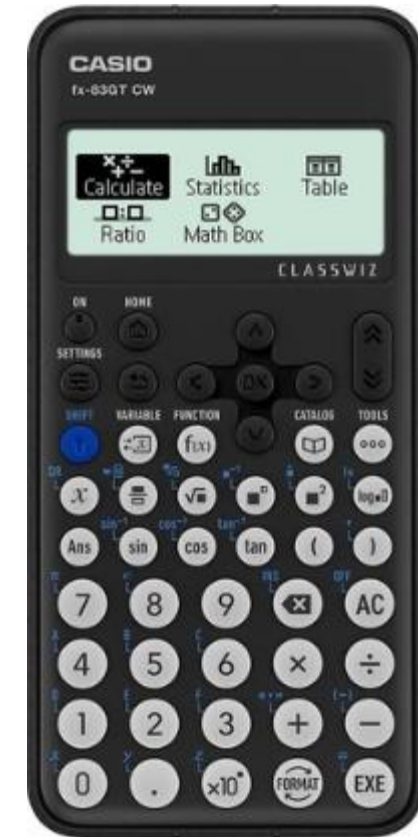
Page 1

Calculator fluency is vital!

-Model fx 83GT CW or fx 85GT CW

Historical Grade Boundaries

www.mathsbot.com/gcse/boundaries



Please get in touch if you have any questions or need support

Your child's class teacher, Miss McDonald or Mr Steel

k.mcdonald@wadedeacon.co.uk, j.steel@wadedeacon.co.uk

Useful Websites

- Past Papers

www.mathsgenie.co.uk

- Half Papers

www.hannahkettlemaths.co.uk

- Topic Questions

www.corbettmaths.com/content





Updates

Mrs Healey



School Updates

- Updated P6 Sessions
 - Week A: Monday-Science, Tuesday-English, Wednesday-Maths and Friday-Options
 - Week B: Monday-Science, Tuesday-English, Wednesday-Maths and Friday-Options
- Saturday morning sessions
- GCSE March Mock Examinations Monday 3rd March –Wednesday 11th March
- GCSE Summer Exams Thursday 8th May- Wednesday 18th June
- Controlled assessment deadlines
- Access Arrangements testing
- Revision support



WADE DEACON
HIGH SCHOOL

Wade Deacon High School
Birchfield Road, Widnes WA8 7TD
Tel: 0151 423 2721
Email: school@wadedeacon.co.uk
Web: wadedeacon.co.uk

Mr S Corner MA, PGCE, NPOH
Executive Principal

Mr M Deoney BSc QTS
Head of School

Year 11 - P6 Timetable

Forename:	<input type="text"/>
Surname:	<input type="text"/>
Tutor Group:	<input type="text"/>

Subject	P6 Week & Day
English	WEEK A & B TUESDAY
Science Trilogy	WEEK A MONDAY
Geography	WEEK A & B FRIDAY

Timetable

Please complete below the subjects and you will attend each week and day

Week A					
Monday	Tuesday	Wednesday	Thursday	Friday	
			x		
			x		

Week B					
Monday	Tuesday	Wednesday	Thursday	Friday	
			x		
			x		

Year 11 Mock Examinations Timetable - March 2025

Week	Date	Registration	Period 1	Period 2	Year 11 Break	Period 3	Year 11 Lunch	Period 4	Period 5
		8.45 to 9.00	9.00 to 10.00	10.00-11.00	11.00-11.15	11.15 to 12.15	12.15 to 12.45	12.45-1.45	1.45 to 2.45
A	Mon 3 March	Registration	<u>English Language Component 1</u> 1h 45m		Break	Normal Lessons	Lunch	<u>Science-Biology</u> 1h 15m / 1h 45m	
A	Tue 4 Mar	Registration	<u>Maths 1 (Non Calculator)</u> 1h 30m		Break	Normal Lessons	Lunch	<u>Science-Chemistry</u> 1h 15m / 1h 45m	
A	Wed 5 Mar	Registration	<u>English Language Component 2</u> 2h		Break	Normal Lessons	Lunch	<u>Science-Physics</u> 1h 15m / 1h 45m	
A	Thur 6 Mar	Registration	<u>English Literature 1</u> 2h		Break	Normal Lessons	Lunch	<u>Maths 2 (Calculator)</u> 1h 30m	
A	Fri 7 Mar	Registration	<u>Maths 3 (Calculator)</u> 1h 30m		Break	Normal Lessons	Lunch	<u>Business 1</u> 1h 45m	
B	Mon 10 Mar	Registration	<u>History</u> 2h		Break	Normal Lessons	Lunch	<u>Geography 2hr</u>	
B	Tue 11 Mar	Registration	<u>Business 2</u> 1h 45m		Break	Normal Lessons	Lunch	<u>Computer Science</u> 1h 30m	
<u>N.B Some Examinations may finish after 2.45pm</u>									

Summer 2025 GCSE Timetable

Thursday 8 May 2025	AQA	GCSE	8261/W	Drama	Paper 1	AM	1h 45m
Friday 9 May 2025	Pearson	GCSE	1BS0 01	Business	Paper 1: Investigating Small Business	PM	1h 45m
Monday 12 May 2025	WJEC/Eduqas	GCSE	C720U10-1	English Literature	Component 1	AM	2h
Monday 12 May 2025	AQA	GCSE	8673 R (F&H)	Chinese (Mandarin)	Chinese (Reading)	PM	45m/1h
Monday 12 May 2025	AQA	GCSE	8673 L (F&H)	Chinese (Mandarin)	Chinese (Listening)	PM	35m/45m
Monday 12 May 2025	OCR	GCSE	J277/01	Computer Science	Computer Systems - Written Paper	PM	1h 30m
Tuesday 13 May 2025	AQA	GCSE	8062/ 13 & 15	Religious Studies	Paper 1	AM	1h 45m
Tuesday 13 May 2025	AQA	GCSE	8461 1F/1H	Biology	Paper 1	PM	1h 45m
Tuesday 13 May 2025	AQA	GCSE	8464 1F/1H	Biology Trilogy	Paper 1	PM	1h 15m
Wednesday 14 May 2025	AQA	GCSE	8035/1	Geography	Paper 1	AM	1h 30m
Wednesday 14 May 2025	OCR	GCSE	R184/01	Sport Studies	Contemporary issues in Sport:Written Paper	PM	1h 15m
Thursday 15 May 2025	Pearson	GCSE	1MA1 1F/1H	Mathematics	Paper 1 (Non-Calculator)	AM	1h 30m
Friday 16 May 2025	AQA	GCSE	8145	History	Paper 1	AM	2h
Friday 16 May 2025	Pearson	GCSE	1BS0 02	Business	Paper 2: Building a Business	PM	1h 45m
Monday 19 May 2025	AQA	GCSE	8462 1F/1H	Chemistry	Paper 1	AM	1h 45m
Monday 19 May 2025	AQA	GCSE	8464 1F/1H	Chemistry Trilogy	Paper 1	AM	1h 15m
Monday 19 May 2025	AQA	GCSE	8673 (F&H)	Chinese (Mandarin)	Chinese (Writing)	PM	1h/1h15m
Monday 19 May 2025	OCR	GCSE	J587/01	Physical Education	Physical factors affecting performance - Written Paper	PM	1h
Monday 19 May 2025	OCR	CN	R050/01	IT	IT in the digital world:Written Paper	PM	1h 30m
Tuesday 20 May 2025	WJEC/Eduqas	GCSE	C720U20-1	English Literature	Component 2	AM	2h 30m
Tuesday 20 May 2025	OCR	GCSE	J277/02	Computer Science	Computational thinking, algorithms and programming - Written Paper	PM	1h 30m
Wednesday 21 May 2025	AQA	GCSE	8658 L (F&H)	French	French (Listening)	AM	35m/45m
Wednesday 21 May 2025	AQA	GCSE	8658 R (F&H)	French	French (Reading)	AM	45m/1h
Wednesday 21 May 2025	AQA	GCSE	8062	Religious Studies	Paper 2	PM	1h 45m
Wednesday 21 May 2025	OCR	CN	J837/R067	Enterprise & Marketing	Enterprise & Marketing concepts - written paper	PM	1h 15m
Thursday 22 May 2025	AQA	GCSE	8463 1F/1H	Physics	Paper 1	AM	1h 45m
Thursday 22 May 2025	AQA	GCSE	8464 1F/1H	Physics Trilogy	Paper 1	AM	1h 15m
Thursday 22 May 2025	OCR	CNAT	R180/01	Sport Science	Written Paper	PM	1h 15m
Friday 23 May 2025	WJEC/Eduqas	GCSE	C700U10-1	English Language	Component 1	AM	1h 45m

Half Term



Half Term							
Monday 2 June 2025	Pearson	GCSE	1JAO 1FT/1HT	Japanese	Japanese (Listening)	PM	35m/45m
Monday 2 June 2025	Pearson	GCSE	1JAO 3FT/3FH	Japanese	Japanese (Reading)	PM	50m/1h 5m
Tuesday 3 June 2025	AQA	GCSE	8688 L (F&H)	Polish	Polish (Listening)	PM	35m/45m
Tuesday 3 June 2025	AQA	GCSE	8688 R (F&H)	Polish	Polish (Reading)	PM	45m/1h
Wednesday 4 June 2025	Pearson	GCSE	1MA1 2F/2H	Mathematics	Paper 2 (Calculator)	AM	1h 30m
Thursday 5 June 2025	AQA	GCSE	8145	History	Paper 2	AM	2h
Thursday 5 June 2025	AQA	GCSE	8658 W (F&H)	French	French (Writing)	PM	1h/1h15m
Friday 6 June 2025	WJEC/Eduqas	GCSE	C700U20-1	English Language	Component 2	AM	2h
Friday 6 June 2025	AQA	GCSE	8035/2	Geography	Paper 2	PM	1h 30m
Monday 9 June 2025	AQA	GCSE	8461 2F/2H	Biology	Paper 2	AM	1h 45m
Monday 9 June 2025	AQA	GCSE	8464 2F/2H	Biology Trilogy	Paper 2	AM	1h 15m
Monday 9 June 2025	OCR	GCSE	J587/02	Physical Education	Socio-cultural issues and sports psychology - Written Paper	PM	1h
Monday 9 June 2025	OCR	CN	R093/01	Creative iMedia	Creative iMedia in the media industry:Written Paper	PM	1h 30m
Tuesday 10 June 2025	AQA	GCSE	8698 L F/H	Spanish	Spanish Listening	AM	35m/45m
Tuesday 10 June 2025	AQA	GCSE	8698 R F/H	Spanish	Spanish Reading	AM	45m/1h
Tuesday 10 June 2025	Pearson	GCSE	1JAO 4FT/4FH	Japanese	Japanese (Writing)	AM	1h20m/1h25m
Wednesday 11 June 2025	Pearson	GCSE	1MA1 3F/3H	Mathematics	Paper 3 (Calculator)	AM	1h 30m
Wednesday 11 June 2025					CONTINGENCY AFTERNOON		
Thursday 12 June 2025	AQA	GCSE	8035/3	Geography	Paper 3	AM	1h 30m
Friday 13 June 2025	AQA	GCSE	8462 2F/2H	Chemistry	Paper 2	AM	1h 45m
Friday 13 June 2025	AQA	GCSE	8464 2F/2H	Chemistry (Trilogy)	Paper 2	AM	1h 15m
Friday 13 June 2025	AQA	GCSE	8688 W (F&H)	Polish	Polish Writing	PM	1h/1h15m
Monday 16 June 2025	AQA	GCSE	8463 2F/2H	Physics	Paper 2	AM	1h 45m
Monday 16 June 2025	AQA	GCSE	8464 2F/2H	Physics Trilogy	Paper 2	AM	1h 15m
Monday 16 June 2025	WJEC/Eduqas	GCSE	C660U30-1	Music	Component 3	PM	1h 15m
Tuesday 17 June 2025	AQA	GCSE	8698 WF WH	Spanish	Spanish Writing	AM	1h/1h 15m
Tuesday 17 June 2025	AQA	GCSE	8585/W	Food Preparation & Nutrition	Written Paper	PM	1h 45m
Wednesday 18 June 2025	AQA	GCSE	8552/W	Design & Technology	DT Wrting Paper	AM	2h
WEDNESDAY 25 JUNE CONTINGENCY DAY							



Revision



[Home](#) > [Parents & Carers](#) > [Revision Tips for Parents and Carers](#)

Revision Tips for Parents & Carers

We know that our parents and carers want to support their children as much as possible. This page provides a range of different revision skills that students can utilise at home to prepare for their GCSE exams, P2S assessments or to consolidate knowledge. Parent and carer play a vital role in supporting students with their preparation and independent study, we invite you to use these resources with your children and maximise their independent study and revision.

[Episode 1 - Revision Timetable](#)

[Episode 3 - Vocab Hitlist](#)

[Episode 5 - Past Papers](#)

[Episode 7 - Note Taking](#)

[Episode 2 - Mind Maps](#)

[Episode 4 - Flow Diagrams](#)

[Episode 6 - Memory Making](#)

[Episode 8 - A to Z](#)



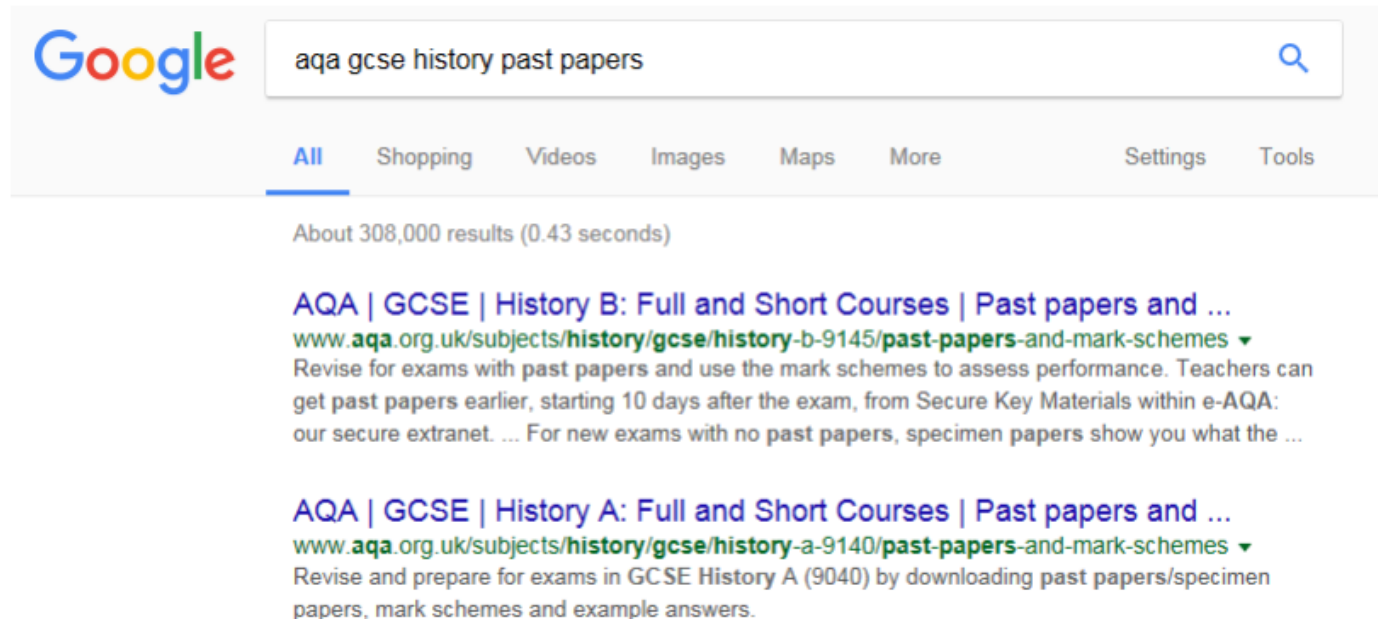
Revision Timetable tips.

Organising your time into achievable blocks in the best way to revise. You still need time to relax and enjoy yourself as well. Otherwise you can waste time or not focus on the right subjects enough.

- Plan revision into achievable chunks e.g 45 mins with 5 min breaks every 15 mins or 2 x 30 min with 5 min break in between.
- Make sure that you plan breaks into your revision (use your phone to set your timer)
- Cover all subjects over the course of a week.
- Plan time to see friends or go out.

There are several places you can get exam style questions from including.

- Past papers from your teachers or from letsrevise.net
- There are lots of past GCSE exam papers on the internet, simply type into Google the exam board and subject e.g AQA GCSE History past papers.

A screenshot of a Google search interface. The search bar contains the text 'aqa gcse history past papers'. Below the search bar, there are tabs for 'All', 'Shopping', 'Videos', 'Images', 'Maps', 'More', 'Settings', and 'Tools'. The search results show 'About 308,000 results (0.43 seconds)'. The first result is titled 'AQA | GCSE | History B: Full and Short Courses | Past papers and ...' with the URL 'www.aqa.org.uk/subjects/history/gcse/history-b-9145/past-papers-and-mark-schemes'. The second result is titled 'AQA | GCSE | History A: Full and Short Courses | Past papers and ...' with the URL 'www.aqa.org.uk/subjects/history/gcse/history-a-9140/past-papers-and-mark-schemes'.

Google

aqa gcse history past papers

All Shopping Videos Images Maps More Settings Tools

About 308,000 results (0.43 seconds)

AQA | GCSE | History B: Full and Short Courses | Past papers and ...
www.aqa.org.uk/subjects/history/gcse/history-b-9145/past-papers-and-mark-schemes ▼
Revise for exams with past papers and use the mark schemes to assess performance. Teachers can get past papers earlier, starting 10 days after the exam, from Secure Key Materials within e-AQA: our secure extranet. ... For new exams with no past papers, specimen papers show you what the ...

AQA | GCSE | History A: Full and Short Courses | Past papers and ...
www.aqa.org.uk/subjects/history/gcse/history-a-9140/past-papers-and-mark-schemes ▼
Revise and prepare for exams in GCSE History A (9040) by downloading past papers/specimen papers, mark schemes and example answers.

Knowledge Organisers

What do they look like?

Each Knowledge Organiser will help you to embed the Core Knowledge into your long-term memory.

Year 10 Half-Term 4 – La Technologie
AO2 and AO4

1. Pendant mon temps libre
Le matin/l'après-midi/le soir
En semaine/ le weekend
La technologie est importante car...
Je suis pour/contre la technologie car...

2. For regular verbs use our rules below:

Imperfect Tense	Perfect Tense	Present Tense	Simple Future	Conditional Tense
was/were/would be	HAVE!!!	I play or I am playing	I will	I would
Chop off -er and add	1. er verbs/avoir	Chop off -er and add	-ai/-ir regular verbs	-ai/-ir regular verbs
Je all On a	1. er verbs/avoir	Je all On a	Je all On a	Je all On a
2. Change -er to é				

3.

French	English
télécharger de la musique	to download music
surfer l'internet	to surf the internet
blogger	to blog
travailler sur internet	to work on the internet
regarder des vidéos	to watch videos
jouer aux jeux-vidéos	to play video games
tchatter avec mes amis	to talk with friends
passer du temps en ligne	to spend time on line
acheter...sur Amazon	to buy...on Amazon
utiliser WhatsApp	to use WhatsApp
regarder des films sur Netflix	to watch films on Netflix
réviser sur les sites web	to do my homework
écouter de la musique sur Spotify	to listen to music on Spotify
envoyer des textos*	to send text messages
faire mes devoirs*	to do my homework
rester en contact avec...*	to stay in contact
prendre des selfies*	to take selfies

4. For irregular verbs (see*) use them as infinitive after:

Je peux/On peut + infin	I can/one can
Nous pouvons + infin	We can
Je vais/Nous allons + infin	I am going/We are going
J'aimerais/Je voudrais + infin	I would like
On devrait + infin	One should
Il est interdit de + infin	It is forbidden
On pourrait + infin	One could
On pouvait + infin	One was able to

5. Adjectives

pratique	practical
sociable	sociable
informatif	informative
éducatif	educational
dangereux	dangerous
inventif	inventive
illégal	illegal
innovant	innovative
passionnant	exciting
accro	addictive
dépendant	addicted
facile	easy
compliqué	complicated
divertissant	entertaining
cher	expensive
moderne	modern
fascinant	fascinating

6. Excelling Phrases

Ce qui m'inquiète, c'est/ce sont	What worries me, is
Bien que ce soit	Although it is
Après avoir fini sur Snapchat...	After having finished on Snapchat
En étant sur Facebook...	Whilst on Facebook...

Challenge activities are given to push your learning further.

Everything is numbered so you know what to revise and focus on during a lesson.

Year 10 Half-Term 4 – La Technologie
AO1 and AO3

7.

French	English
acheter	to buy
les actualités	news
l'ado	teenager
l'argent	money
l'avantage	advantage
le blogueur	blogger
chercher	to look for
le clavier	keyboard
cliquer	to click
le compte	account
la console de jeux	games' console
le courrier électronique	e-mail
dangereux	dangerous
le désavantage	disadvantage
l'écran	screen
l'écran tactile	touch screen
effacer	to wipe off
en ligne	online
enregistrer	to record
envoyer	to send
faire des achats	to purchase items
le fichier	file
le forum	forum
le genre	type/genre
imprimer	to print
l'inconvénient	inconvenience
l'internaute	surfer
le jeu	game
le lecteur MP3	MP3 player
le logiciel	software

8.

French	English
l'écran tactile	touch screen
mettre en ligne	to put on line
le moniteur	monitor
le mot de passe	password
numérique	digital
l'ordinateur	computer
l'ordinateur portable	laptop
l'ordinateur tablette	tablet
la page d'accueil	welcome page
passer du temps	to spend time
le portable	mobile phone
la publicité	advertisement
recevoir	to receive
remplir	to fill in
le réseau social	social network
rester en contact	to stay in contact
le risque	risk
s'abonner	to subscribe
sauvegarder	to save
la sécurité	security
le site internet/web	website
la souris	mouse
surfer sur internet	to surf the internet
taper	to type
tchater	to chat
télécharger	to download
le texto	text message
la touche	key
le traitement de texte	word processing
voir	to see

9. Excelling Phrases

le vol d'identité	identity theft
les incriminés	strangers/predators
la cyberharcèlement	online bullying
le téléchargement illégal	illegal downloading
la criminalité informatique	on-line crime
les virus	viruses
la cyberdépendance	internet addiction
la coopération du terrorisme	organisation of terrorism
la liberté d'expression	freedom of speech
le travail à distance	remote working
la téléapprentissage	remote learning
l'intelligence artificielle	AI

Links and QR codes have been included to help you find useful websites for revision.

Teachers have highlighted the best ways to revise and how you can demonstrate your learning.





How to revise



Year 11 – Foundation – Unit 11 Ratio and Proportion



1 Simplifying Ratio
 Ratios in their simplest form only have whole numbers
Example: Write 1.5 : 8 as a whole number ratio in its simplest form.
 1.5 has 1 decimal place so multiply both sides of the ratio by 10 to get whole numbers
 $\times 10 \left(\begin{array}{l} 1.5 : 8 \\ 15 : 80 \end{array} \right) \times 10$
 $+5 \left(\begin{array}{l} 15 : 80 \\ 3 : 16 \end{array} \right) +5$
 The HCF is 5 so divide both sides by 5.
Sparx Maths
 U687, U753, U865

2 Ratio Problems
Example: Miguel and Jean share a tin of biscuits in the ratio 1:3. Jean has 6 more biscuits than Miguel. How many biscuits were in the tin altogether?
 Draw a rectangle bar to represent all the biscuits in the tin.
 Split the bar into the ratio 3:5 for Miguel and Jean
 Compare the parts for Miguel and Jean. Label the difference between the bars as 6.
 2 sections represent 6. so One section would represent 3.
 8 sections represent all biscuits.
 1 section = 6 ÷ 2 = 3 biscuits
 All the biscuits = 8 × 3 = 24 biscuits
 Check Miguel has: 3 × 3 = 9 biscuits
 Jean has: 3 × 5 = 15 biscuits
 Jean has 15 - 9 = 6 more biscuits
 Total number of biscuits = 9 + 15 = 24 biscuits.
 Check your answer works
Sparx Maths
 U921

3 Proportion **Example:** A recipe for 6 people uses 900g of mice. How much is needed for the following
 a 12 people P : M $\times 2 \left(\begin{array}{l} 6 : 900g \\ 12 : 1800g \end{array} \right) \times 2$
 b 3 people P : M $+2 \left(\begin{array}{l} 6 : 900g \\ 3 : 450g \end{array} \right) +2$
 c 9 people? 6 people + 3 people = 9 people
 900 + 450 = 1350g
Sparx Maths
 U721

4 Inverse Proportion
 When two values are in inverse proportion, one increases and the other decreases. For example, as one doubles (x2) the other halves (÷2)
Example: It takes 2 painters 7 days to paint a house. How many days does it take 1 painter to paint an identical house?
 2 people take 7 days, so 1 person takes 2 × 7 = 14 days
 It takes 1 person twice as long as two people
Sparx Maths
 U357

5 Sharing Ratio
Example: Share £25 in the ratio 3:2
 $\frac{£25}{3+2} = £5$
 Work out how many parts there are in total
 $£25 \div 5 = £5$
 Work out 1 part
 $£5 \times 3 = £15$
 $£5 \times 2 = £10$
 Work out 3 parts and 2 parts
 Answer: £15 : £10
 Check: £15 + £10 = £25
 Check they add up to the correct total
Sparx Maths
 U577

Extension
 Currency conversion U610
 Constructing direct proportion equations U407
 Interpreting inverse proportion equations U364
Sparx Maths

5 Graphs of direct and inverse proportion
 Direct Proportion $y = kx$
 Inverse Proportion $y = \frac{k}{x}$
Sparx Maths
 U238



QR Codes
 QR codes with links to website where you can test your Core Knowledge i.e. Memrise/Sparx.
 In Maths, a QR code to help you link your topic to Sparx.

Maths have used a QR code to help you link your topic to Sparx.



QR

What are the different strategies to revise the Core Knowledge?



Quiz Master

Write questions and answers for the core knowledge you are revising. Test yourself and others for points.

QM



Demonstrate it!

Take the skill from the Knowledge Organiser sheet and show me that you can do it!

D



Practice makes perfect!

Write the Core Knowledge over and over again until its perfect from memory.

PP



Audio Recordings

Recordings on voice note help you to assess your progress and demonstrate what you now know.

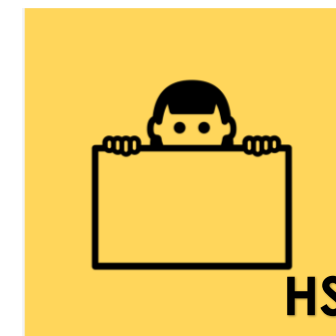
AR



QR Codes

QR codes with links to website where you can test your Core Knowledge i.e. Memrise/Sparks.

QR



Hide and Seek

Revise a section of Core knowledge from the KO. Get a blank copy and see what you can fill in from memory.

HS



Dual Code

Take the Core Knowledge and create images to represent the information. Use the images to test your knowledge.

DC



Flash Cards

Write key facts on the flash cards. Test your memory by getting someone to ask you questions on it.

FC





Attendance.

Mr Campbell

Attendance matters.



Strong levels of attendance is one of the biggest factors that can influence a student's outcomes at GCSE's.

Average Grade across all subjects	
Attendance	Av Attainment Grade
100%	6.16
97% - 99%	5.5
95% - 96%	5.25
92% - 94%	4.45
90% - 91%	3.71

Students Achieving 9-5 in English	
Attendance	% securing 9-5
100%	79.3
97% - 99%	81.5
95% - 96%	71.9
92% - 94%	56.9
90% - 91%	47.1
80% - 89%	39.3

Students Achieving 9-5 in Maths	
Attendance	% securing 9-5
100%	72.4
97% - 99%	63
95% - 96%	59.4
92% - 94%	46.6
90% - 91%	29.4
80% - 89%	25

Students Achieving 9-5 in English and Maths	
Attendance	% securing 9-5
100%	72.4
97% - 99%	58.7
95% - 96%	56.3
92% - 94%	39.7
90% - 91%	17.6
80% - 89%	11.4

On average, students with 90-91% attendance achieve 1.5 grades lower than those students with 95-96% attendance. [This is across all subjects.](#)

90% attendance equates to 4 weeks of school missed. This is 100 hours of lesson time and 64 hours of potential P6 sessions.

For students studying coursework-based subjects (Sports Studies, Creative IMedia, Art, DT, F.T, I.T) this is 20 guided learning hours. Most courses require 120 GLH to complete the course.

Top tips for parents to improve develop strong attendance

- NHS guidelines state that students can still attend school with coughs, colds, headaches or if they feel 'under the weather'. We often find that once students are in school they are able to manage.
- Tough love is needed at times- This helps to create resilience which will hold them in good stead post 16..
- Promote the importance of 'Catch Up'- Those students who completed catch up consistently achieved better results than those who didn't last year.
- Sleep- research says that students who get high quality sleep (at least 7 hours) at night on ill less often than those who get less than 7 hours.
- Diet and exercise- A healthy, balanced diet and regular exercise helps developed a strong immune system and energy systems.



Support Available.

Mrs Harrison

Support available during Year 11



- Progress Leader: Mr Maybury
- Assistant Progress Leader: Miss Keenan
- SLT Link: Mrs Harrison
- SLT Progress and exam support: Mrs Healey and Mrs Gallagher
- Mentor support for well-being: Mrs Black
- SENDCO support: Mrs Webster
- Career guidance support: Jane Conlon
- College applications information: Miss Griffiths
- Form tutor, every morning you can speak to your form tutor
- Parents/Carers
- The best support you can get is from your class teacher for each subject, you can always send your teacher a Synergy Message
- Subject leaders, if your class teacher isn't available speak to the subject leader
- Peer support from your friends
- Exam Hub on the Website
- School Counsellor
- Mental Health Support Team





Q&A

Mrs Healey