

Year 11 Strategy Evening

Welcome

Mr McGinty

**We Have An Opportunity To Achieve
Something Special**

Mr Clark

Why Is This Year So Important?

We want every pupil to leave with everything they need to take the next step in their journey.

- Without a grade 4 in Maths and English, pupils will be required to resit at College. The pass rate at College is about 20% when resitting.
- Most colleges and employers want at least 5 qualifications at grade 4+ inc. English and Maths.
- We cannot be aiming to just 'pass' this year.
 - We all must have a 'grade 5 or higher' mindset.
- Only 20% of pupils nationally achieve a Grade 7 in Maths or English. This percentage is similar and, in many cases, lower in other subjects.
- Competition for jobs is fierce and your qualifications will help set you apart from the rest.

Tonight is about making sure our pupils achieve everything they need for a bright future.

Your Child Needs To Thank You

Five years ago, as parents and carers, you made a decision that now places your child in the best school in Rochdale for outcomes.

1st for Maths & English at 4+ & 5+

1st for English at 4+ & 5+

1st for Maths at 4+ & 5+

1st for Science at 4+

1st for average grade achieved across all subjects

The main reason we are number one is the partnership between Hollingworth and our Year 11 pupils, parents and carers.

Record Breakers

Last Year's Y11 pupils broke records in all areas.

Maths & English at Grade 4+, 5+ & 7+ - *All records broken!*

Maths at Grade 4+, 5+ & 7+ - *All records broken!*

English at Grade 4+, 5+ & 7+ - *All records broken!*

Science at Grade 4+, 5+ & 7+ - *All records broken!*

Average grade achieved across all subjects - *Record broken!*

Can we be record breakers this year?

How Do We Compare?

- These Year 11 pupils conducted themselves during the mock exams even better than our previous Year 11 pupils did when they were in Year 10.
 - They also had more of a desire to 'prepare' for the mocks.
- Their attendance was 1.1% higher than our previous Year 11 pupils when they were in Year 10. It is also currently higher when compared to our previous Year 11 pupils at this time last year!
- Their A2L average at the end of the Year 10 was higher than our previous Year 11 pupils at the end of Year 10.

How Do We Compare?

	End of Year 10 Forecasts 2024	End of Year 10 Forecasts 2025
Maths and English 4+	76%	81%
Maths and English 5+	48%	58%
Maths 4+	79%	83%
Maths 5+	56%	70%
English 4+ (Best of)	83%	87%
English 5+ (Best of)	63%	64%
5 x Grade 4+ (Inc. EM)	74%	78%
Grade 4+ (2 x Sciences)	76%	79%
Average Attainment	4.8	4.9

How Are We Going To Break Records?

Below are just a selection of what our Year 11 pupils will be involved in this year:

- Period 6, Monday to Thursday until 4pm starting mid-January.
 - For some pupils period 6 has started.
 - If a pupil is unable to attend, we need contact from the parent/carer just like we would for a pupil needing to leave during the school day.
- Subject-specific tutor groups every day.
- Extra sessions on Saturdays and Sundays.
- Revision sessions during the school holidays.
- Revision sessions at 8am before every morning exam.
- Online revision sessions in the evenings.

**There is an 'even
bigger' buzz about our
new Year 11 pupils.**

Qualifications

In previous years, Year 11 pupils took examinations in nine qualifications. This included four option choices.

However, following feedback from pupils, parents and teachers, along with visits to several other schools, we decided to reduce this to eight qualifications by only doing three option choices. We firmly believe this will benefit our pupils this year because:

- They now have an extra hour in Maths, English and Science.
- They have less exams to prepare for during an already busy exam season.

These benefits come at no cost as pupils are still sitting the number of qualifications recommended by the DfE (8).

Last year's Year 11 pupils were the first year group to benefit from this change.

Can We Drop A Qualification?

We do get requests each year for a child to drop qualifications.

We are obligated to provide our pupils with at least eight qualifications, so this is not something we can accommodate.

There are occasions where extreme circumstances mean a pupil is removed from a subject for the wellbeing of the child. However, this does require extensive supporting documentation from relevant professionals and is a very rare occurrence.

Year 11 Dates To Look Out For

Year 11 Strategy Evening	7th and 9th October 2025
Mock Preparation Guidance	Autumn Term
Mock Exams (All subjects)	10th November to 5th December 2025
Mock Results Day	Week commencing 15th December 2025
Be the Best Week	19th January to 23rd January 2026
Parents' Evening	22nd January 2026
Compulsory after school revision sessions begin	After February half term
Mock Exams (All Subjects)	2nd March to 31st March 2026
Saturday School (Selected Pupils)	25th April onwards
GCSE and BTEC Examinations begin	Provisionally 5th May 2026- TBC

Also keep your eye on the following:	
Departmental assessments throughout the year	Masterclasses
Additional after school sessions	Holiday sessions

Year 11 Reports

You will be sent progress reports on 18th December and April 2nd. Please keep an eye out for these in your emails. They will also be available on the Arbor app.

Attendance*

100.0%

Lates

1

Unauthorised Absences

0

Authorised Absences

0

RISE Points

189

FALL Points

-1

Report date

31 Mar 2025

Course	Target	Forecast Grade	KS4 Progress Comment	Year 11 Mock Exam Grade	Year 11 Mock Grade (Double Award)	KS4 A2L	KS4 A2H
English: English Language	6	6	Working AT expected progress	6		3	3
English: English Literature	6	7	Working ABOVE expected progress	7		3	3
French: French	6	6	Working AT expected progress	5		3	3
Geography: Geography	7	5	Progress is a CONCERN	5		4	4
Mathematics: Mathematics	6	6	Working AT expected progress	5		3	3
Religious Education: Religious Studies	7	8	Working ABOVE expected progress	9		4	4
Science: Combined Science	8-7	6-6	Working BELOW expected progress		6-6	3	3

Attendance

Your child's attendance this year will have a hugely significant impact on the qualifications they leave Hollingworth with.

- If their attendance is **above** 90% they are:
 - **Twice as likely** to secure a Grade 4 or above in both Maths and English.
 - **Four times more likely** to get a Grade 5 or above in both Maths and English.
 - **Four times more likely** to get 5 x GCSEs Grade 5 or above (including Maths and English).
 - **Four times more likely** to get a Grade 5 or above in those 5 qualifications.
 - **Eight times more likely** to get a Grade 7 or above in Maths and English.

Our pupils achieved 577 Grade 7s or higher last year. 95% of those came from pupils with an attendance above 90%.

- 85% of those came from pupils with an attendance above 95%.

Attitude

Attendance will play a huge part in your child's success this year but turning up is not enough. Your child's attitude this year will also have a hugely significant impact on the qualifications they leave Hollingworth with.

Group A

A2L

3s and 4s

Average Grade

6.1

Group B

A2L

2s and 3s

Average Grade

3.54

Group C

A2L

1s and 2s

Average Grade

1.33

Pastoral Support

It is crucial we speak to each other.

- Form Tutors are your first port of call.
- **Mrs Begum – Pastoral matters** – rbegum@hollingworthacademy.co.uk
- **Mr Drews – Behavioural matters** – cdrews@hollingworthacademy.co.uk
- **Mrs Robinson – Safeguarding matters** – brobinson@hollingworthacademy.co.uk
- **Mrs Wallace – Attendance matters** – kwallace@hollingworthacademy.co.uk
- **Mr Clark – Academic matters** – kclark@hollingworthacademy.co.uk

Exam Policies

Information relating to GCSE exam policies and guidance can be found on the Hollingworth Academy website under – **Exams Information**

Here you can find information on:

- JCQ Regulations – Information for Candidates
- Subject Exam Boards
- Exam Policies
- Exam Timetables

Please note that exam policies will be updated over the next few months in line with official JCQ policy changes.

Access Arrangements

Access arrangements allow pupils with specific needs to have equal access to assessments. In line with JCQ policy, they **must** be a pupils 'normal way of working'. This means that pupils will be using their access arrangements currently within lessons and assessments.

If your child is entitled to access arrangements, then you will have received an email from the SEND team at the end of last week.

If you have any queries , then please email Mrs Inman:
cinman@hollingworthacademy.co.uk

Trust Us

If you have any concerns, please communicate with us.

Your child's best interests are at the forefront of everything we do at Hollingworth.

You may not always agree with our approach and please contact us straight away if you have any concerns.

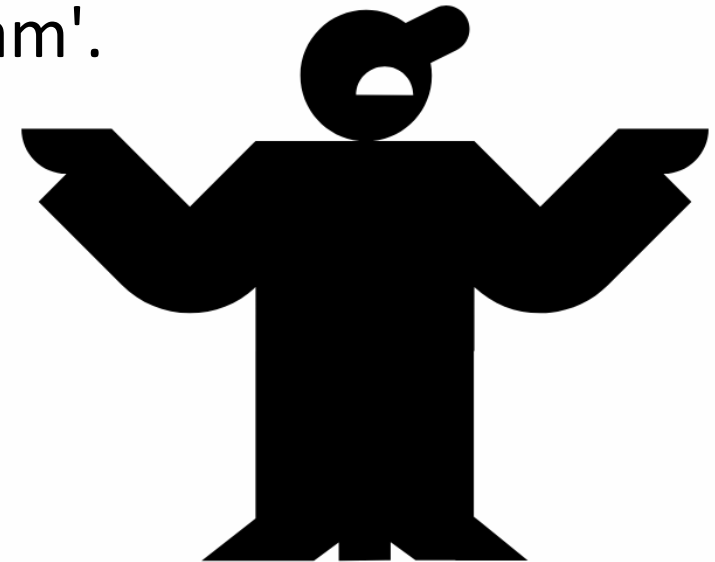
If we all work together this year, I firmly believe our Year 11 pupils can achieve something truly special.

English Language and English Literature

Mr Rogers

Why?

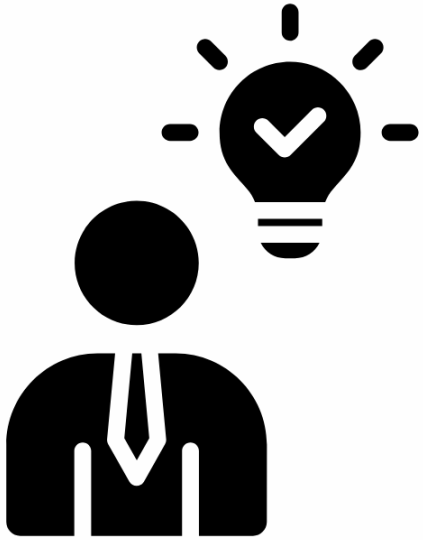
- ‘Sir I revised but it didn’t stick in my head’.
- ‘Miss, I revised but forgot it all when I got into the exam’.
- ‘Sir, how do you even revise?’



Created by Ivan Colic
from Noun Project

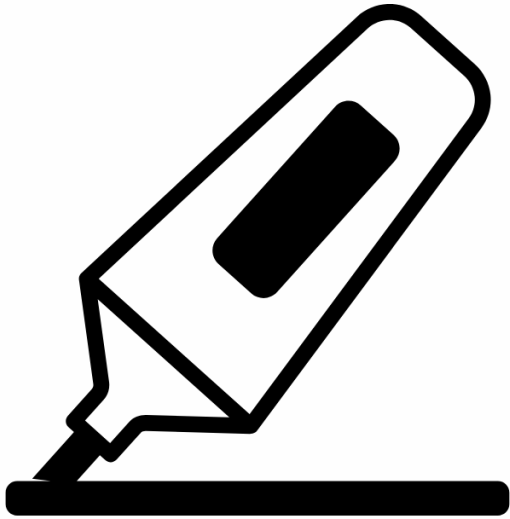
Revision

The difference between knowing and 'thinking you know...'



Memory

Some pupils have misconceptions about revision strategies....



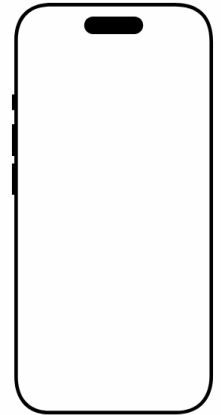
One of the most common is that re-reading notes and highlighting them is a form of revision.

It isn't.

Because pupils are doing something, they think they are revising, but this isn't effective revision.

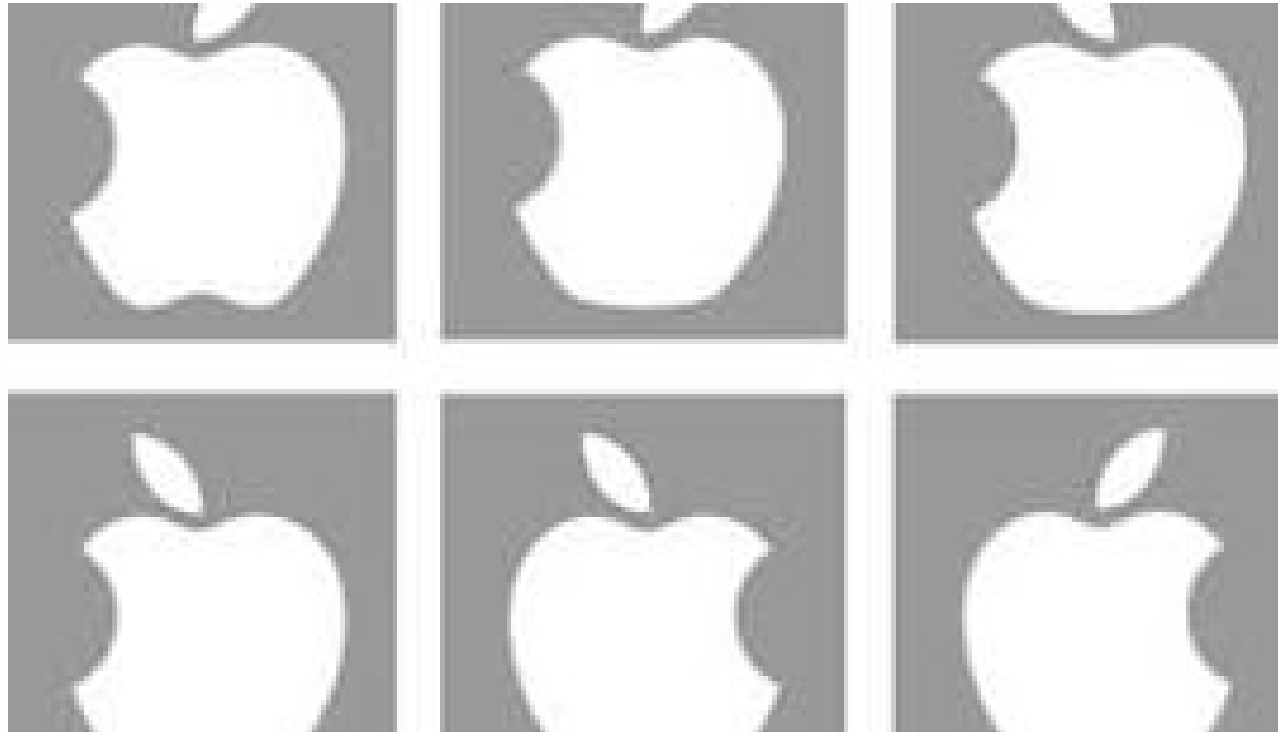
Example

- If I asked everyone in this room if they know what the Apple logo is, most of you, if not all, would say yes.
- Some of you see the logo every time you go into Manchester.
- Some of you see it on television commercials.
- Some of you will even have an iPhone...



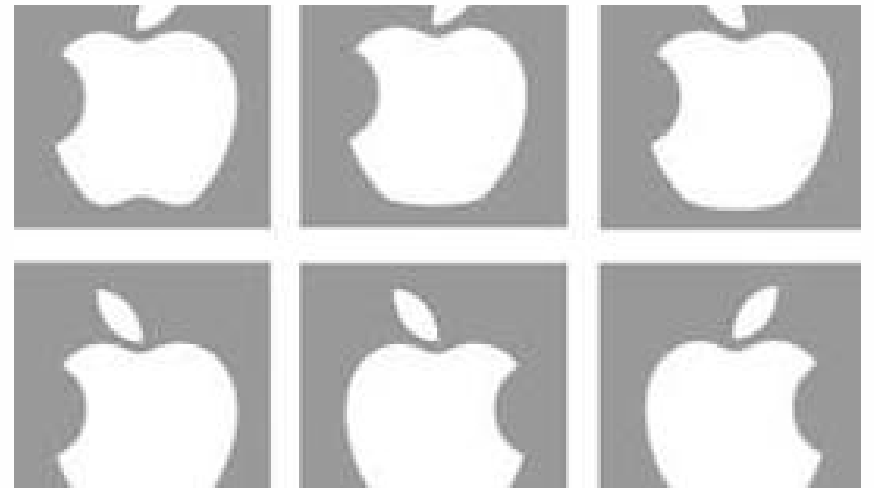
Example

- But then if I put these up on the screen, and ask you again...
- How confident are we all now (without looking at our phones).



Example

- This is the same thing pupils go through when they use ineffective revision strategies.
- They go into the exam thinking they know, but when they are faced with the actual exam, they discover that they don't...

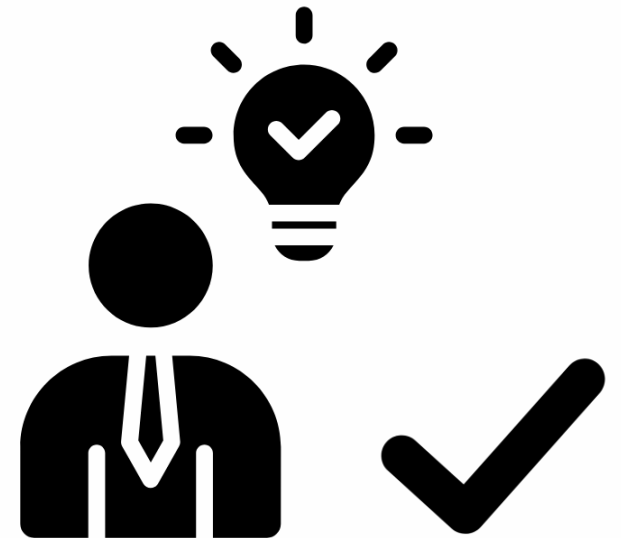


Revision

- This is how your memory and your mind can play tricks on you.
- Unless you are using effective revision strategies, you will not remember information for your exams.
- This is what myself and my colleagues will be speaking about today.



Created by Rizalwale
from Noun Project



Created by Marcus DeClarke
from Noun Project

"EVERYONE EXCELS EVERYDAY"

English Language Exam:

- 1) We know what the questions are going to be.
- 2) We know what skills are being tested on each question.
- 3) The only thing that changes is the text (Fiction/Non-Fiction).

PAPER ONE - 1 hour 45 minutes	PAPER TWO - 1 hour 45 minutes
Q1 – List four things about...	Q1 – True or False?
Q2 – Language Analysis	Q2 – Summarising
Q3 – Structure Analysis	Q3 – Language Analysis

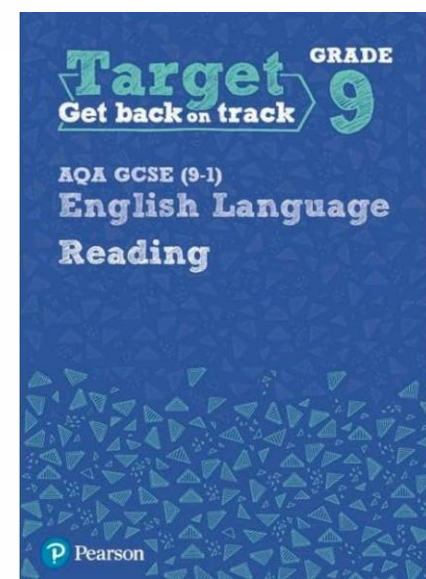
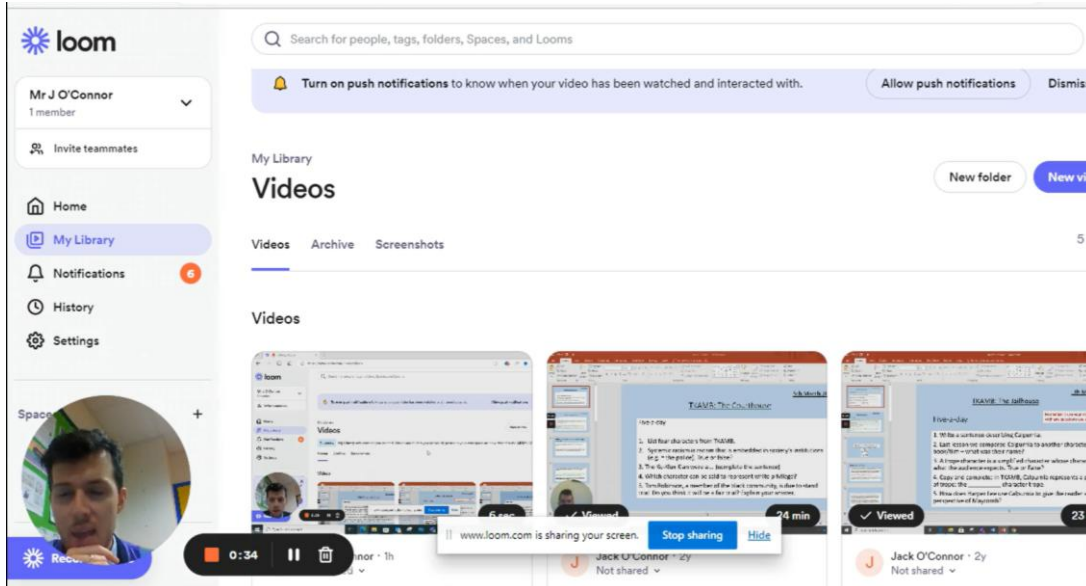
Q4 – Evaluating a Statement	Q4 – Comparing Perspectives
Q5 – Creative Writing	Q5 – Transactional Writing

Practice Makes Perfect

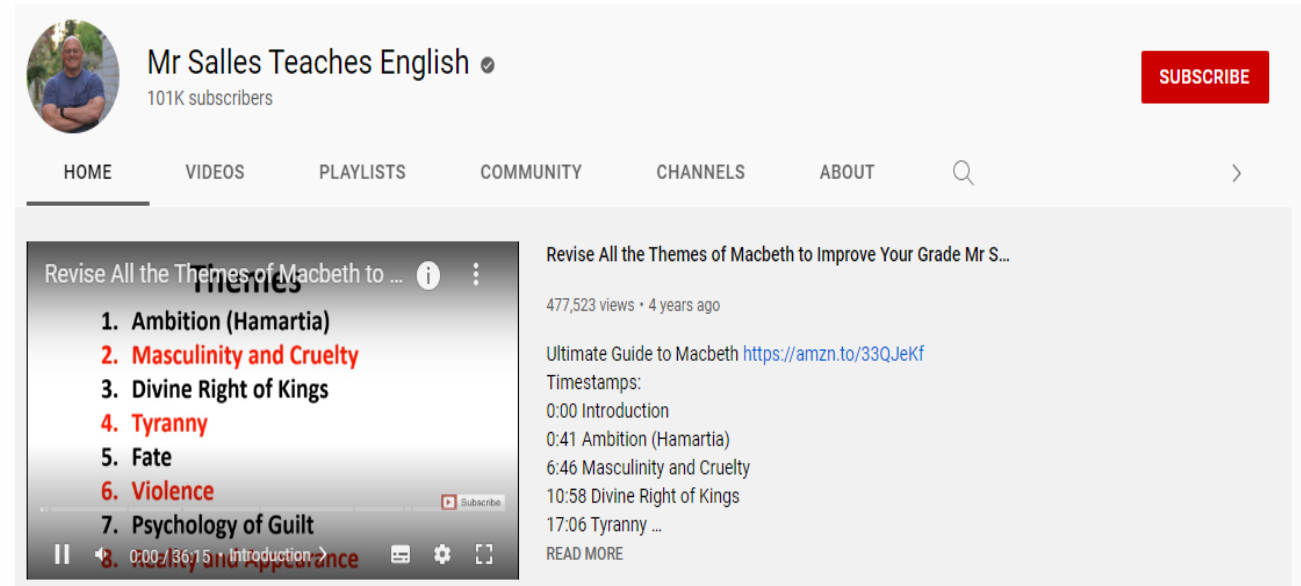
Because we know what the questions are going to ask us;
because we know the skills that each question requires;
we can practice until we are hitting those top marks.

How can we practice?

Teacher Walk and Talk videos:



Revision Guides



"EVERYONE EXCELS EVERYDAY"

English Language Exam: QLA Sheets

- 1) Practice a question from a past paper.
- 2) Hand it in to your teacher.
- 3) Update your score.
- 4) Work on your next weakness/question.

Q	Topic	Marks			Redo Score
1	List 4 things	4	/	4	
2	How does the writer use language?	6	/	8	
3	How does the writer use structure?	3	/	8	
4	To what extent do you agree?	11	/	20	
5	Content and Organisation	0	/	24	
5	Technical Accuracy	0	/	16	

English Literature

How is it different?

1. We don't know the questions.
2. Pupils will have to remember quotes; contexts and how these framed intentions.
3. Paper 2 is more demanding.

PAPER ONE – 1 hour, 45 minutes
SECTION A - Shakespeare Macbeth
SECTION B – 19 th Century Texts A Christmas Carol

PAPER TWO – 2 hours, 15 minutes
SECTION A – Modern Prose (30 marks + 4 SPaG marks) <i>An Inspector Calls</i>
SECTION B – Anthology Poems (30 marks) <i>Power and Conflict Poetry</i>
SECTION C.1 – Unseen Poetry (24 marks)
SECTION C.2 – Unseen Poetry Comparison (8 marks)

Two Essential Steps To English Literature Revision

STEP 1:

To make sure pupils retain and remember the knowledge they have.



STEP 2:

To make sure pupils can communicate this knowledge, in the time provided, in an essay response.

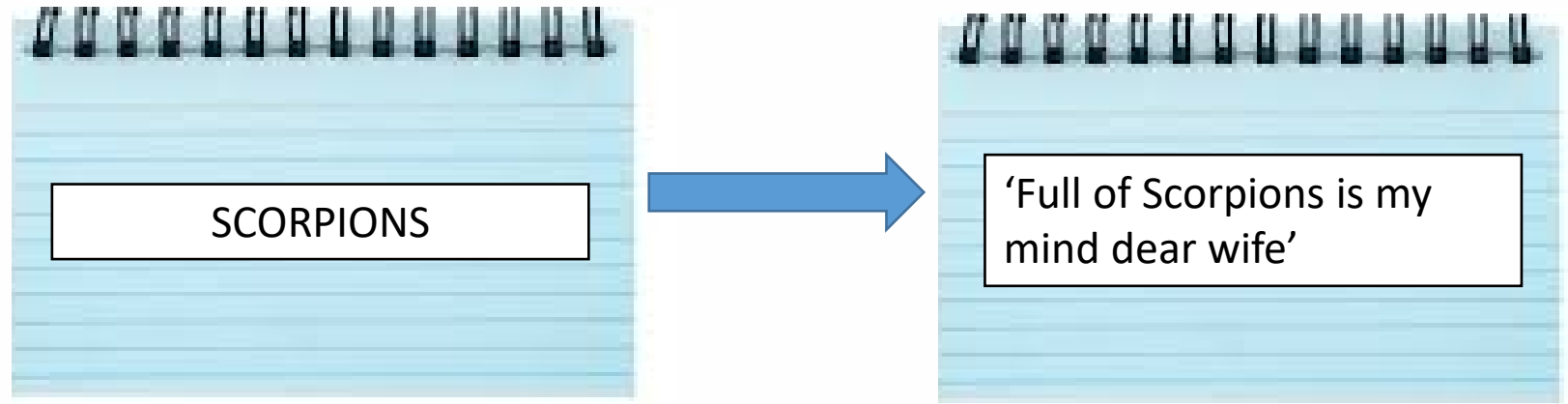


How Can Students Revise To Remember?

1) Post it Notes



2) Memory Cards



3) Images to Remember



Not enough to remember the quotes, we must remember:

- 1) What to say.
- 2) How to write it.
- 3) Write it in the time provided.



To achieve a level 7-9. Pupils should be completing **at least** one essay a week.



REVISION IS DIFFICULT!

- We will answer a question wrong.
- We will run out of time.
- This is a process... It's not that 'we can't do it', it's just that 'we can't do it yet'.



Core Study Skills

Mathematics

Mrs Chadderton

The GCSE

- Edexcel Exam Board
- Two tiers – Higher or Foundation
 - Foundation – Grades 1 - 5
 - Higher – Grades 3 – 9
- Split into 3 papers – Equal weighting

Paper 1	Paper 2	Paper 3
Non Calculator 1 hour 30 Mins $\frac{1}{3}$ of the GCSE	Calculator 1 hour 30 Mins $\frac{1}{3}$ of the GCSE	Calculator 1 hour 30 Mins $\frac{1}{3}$ of the GCSE

GCSE Grading	
New Grading Structure	Old Grading Structure
9	A*
8	
7	
6	B
5	
Standard Pass → 4	C
3	D
2	E
1	F
	G
U	U

Formulas

Use your book wraps for all formulas you will need.

Make notes and put them where you will see them often, you will need to remember these.

Higher Tier Formulae Sheet

Perimeter, area and volume

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

1

Quadratic formula

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

where $a \neq 0$

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

length

Foundation Tier Formulae Sheet

Perimeter, area and volume

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

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

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

Where r is the radius and d is the diameter:

$$\text{Circumference of a circle} = 2\pi r = \pi d$$

$$\text{Area of a circle} = \pi r^2$$

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:

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

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

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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:

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

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

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

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:

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

Probability

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

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

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

Best Ways to Revise

The best way to revise maths is.....practice!

Sparx Maths

- Corbett Maths
- Mr Barton Maths
- Maths Genie

How to Use Your QLA Sheet

After each Maths mock, you will be given a QLA WIN Sheet

Each question has the topic name, marks, your score and Sparx clips.

Search for any red topics to practice on Sparx.

Q	Topic	Marks	Sparx Clips	To Practice?	Completed?	Q	Topic	Marks	Sparx Clips	To Practice	Completed?	Q	Topic	Marks	Sparx Clips	To Practice	Completed?
1a	Dividing Indices	2 / 2	U662			1	Two way tables	3 / 3	U291			1	Gradient between 2 points	3 / 3	U315		
1b	*Indices - Power of 0*	1 / 1	X			2a	Listing Elements in a Venn diagram	1 / 1	U748			2	*Exchange Rates*	3 / 3	U610		
1c	*Indices - Negative Indices*	1 / 1	U694			2a	Listing Elements in a Venn diagram	1 / 1	U748			3a	Surface Area of Cuboids	5 / 5	U929		
2a	Adding Fractions	1 / 1	U736			2a	Listing Elements in a Venn diagram	1 / 1	U748			3b	How will this affect your answer?	2 / 2	X		
2b	Multiplying Fractions	1 / 3	U475			2b	Probability from a Venn Diagram	2 / 2	U699			4a	Adding Column Vectors	1 / 1	U903		
3	Algebraic Perimeter Problem	2 / 3	U904			3	Rotation	1 / 2	U696			4a	Scalar Multiples of Column Vectors	2 / 2	U564		
4	Graphs of constant rates	2 / 2	U662			4a	Analyse a scatter graph	0 / 1	X			4b	Drawing Vectors	1 / 1	U632		
5	*Compound Measures - Speed*	1 / 1	U151			4b	Describe the correlation	0 / 1	U277			5a	Drawing a Conversion Graph	2 / 2	U652		
6	Loci Problem involving 3 points	0 / 1	U662			4c	Estimating from a scatter graph	1 / 1	U128			5b	Using a Conversion Graph	1 / 1	U638		
7	*Simultaneous Equations - Linear*	1 / 3	U606			4d	Analyse a scatter graph	1 / 1	U128			6	Trigonometry	0 / 2	U283		
8a	Inverse Proportion	2 / 2	U357			5a	Standard Form to Ordinary Number	1 / 1	U330			7	*Distance Speed Time*	3 / 3	U151		
8b	State Assumptions	1 / 1	X			5b	Ordinary Number to Standard form	1 / 1	U534			8a	Volume of a Sphere and Cylinder	0 / 3	U426		
9	*Regular Polygons*	0 / 4	U427			5c	*Standard form - Multiply/Divide*	0 / 2	U264			8b	How does this affect your answer	0 / 1	X		
10a	*Quadratic Sequences*	1 / 2	U206			6	*Circles - Circumference Problem*	4 / 5	U604			9	*Compound Measures - Density*	2 / 5	U910		
10b	Find a term in a quadratic sequence	0 / 1	U530			7	Plans and Elevations	0 / 2	U743			10	Ordering Numbers in Standard Form	2 / 2	X		
11	Combining Vectors	2 / 2	U903			8a	*Percentages - Depreciation*	4 / 4	U988			11	Scale Diagrams with Bearings	2 / 5	U525		
12a	*Estimation Problem*	4 / 4	U225			8b	Analyse your answer	1 / 1	X			12	*Product Rule for Counting*	2 / 2	U369		
12b	Over/Under estimate	1 / 1	X			9	Box Plot	1 / 2	U879			13a	Expand Triple Brackets	3 / 3	U606		
	Reverse Mean	3 / 3	U291			10a	Algebraic Pythagoras	3 / 3	U228			13b	Index Laws - dividing	0 / 1	U662		
14	Increase percentage Problem	3 / 3	U278			10b	Solving a Quadratic Equation	0 / 3	U228			14	Ratio Problem	0 / 3	X		
15	*Cumulative Frequency and Box Plots*	2 / 2	U837			11a	*Indices - Index Laws in brackets*	1 / 1	U662			15	*Similar Shapes - Area and Volume*	0 / 3	U110		
16	*Percentage Change*	3 / 3	U278			11b	Index Laws with division	0 / 2	U606			16	*Conditional Probability*	0 / 3	U357		
17	Volume of a sphere problem	0 / 3	U617			11c	*Indices - Fractional Index Laws*	2 / 2	U772			17a	*Proof*	0 / 3	X		
18a	Vectors with ratio	1 / 1	U781			12	*Histogram - Draw*	3 / 3	U814			17b	Justify your answer	0 / 1	U582		
19a	Algebraic Ratio	2 / 3	U676			13	*Matching Graphs to the equations*	1 / 3	X			18a	*Histogram - Interpret*	0 / 3	U983		
19b	*Algebraic Fractions - Simplify*	0 / 3	U294			14	*Recurrence Relationships*	4 / 4	U171			18b	*Histogram Median*	0 / 2	U267		
20	*Surds - Simplifying*	0 / 2	U338			15	Perpendicular Lines problem	0 / 5	U898			18b	Justify your answer	0 / 1	X		
21	Proving Similar Shapes	0 / 3	U887			16	*Circle Theorems*	0 / 4	U808			19	*Quadratic Inequalities*	0 / 3	U133		
22	Quadratic Simultaneous Equations	0 / 5	U547			17	Vectors - Straight Lines	0 / 5	U560			20	*Conditional Probability*	3 / 3	U806		
23	*Surds - Rationalising*	0 / 4	U281			18	*Functions - Composite*	0 / 2	U895			21a	*Functions - Substitute*	0 / 2	U637		
24	Graph Transformations	0 / 1	U895			19a	Show a Solution is between 2 values	0 / 2	X			21b	Analyse your answer	0 / 1	X		
25a	Exact Trig Values	0 / 1	U627			19b	*Changing the Subject*	0 / 1	X			21c	Algebraic Fractions with Functions	0 / 5	U685		
25b	Exact Trig Values Problem	0 / 3	U627			19c	*Iteration*	0 / 3	U434								
						20	*Conditional Probability*	0 / 5	U357								

How to Use Sparx Maths

 Sparx Maths

IcBride  

 Show building blocks

Simplifying algebraic fractions

 Introduce

Question 1
[Answer](#)

Question 2
[Answer](#)

Question 3
[Answer](#)

Question 4
[Answer](#)

Question 5
[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](#)

Past Papers

Once you understand a topic, you need to be prepared for how it will look in an exam.

In class:

$$2 + 2 = 4$$

Homework:

$$734 + 555 - 432 : 69 = 77$$

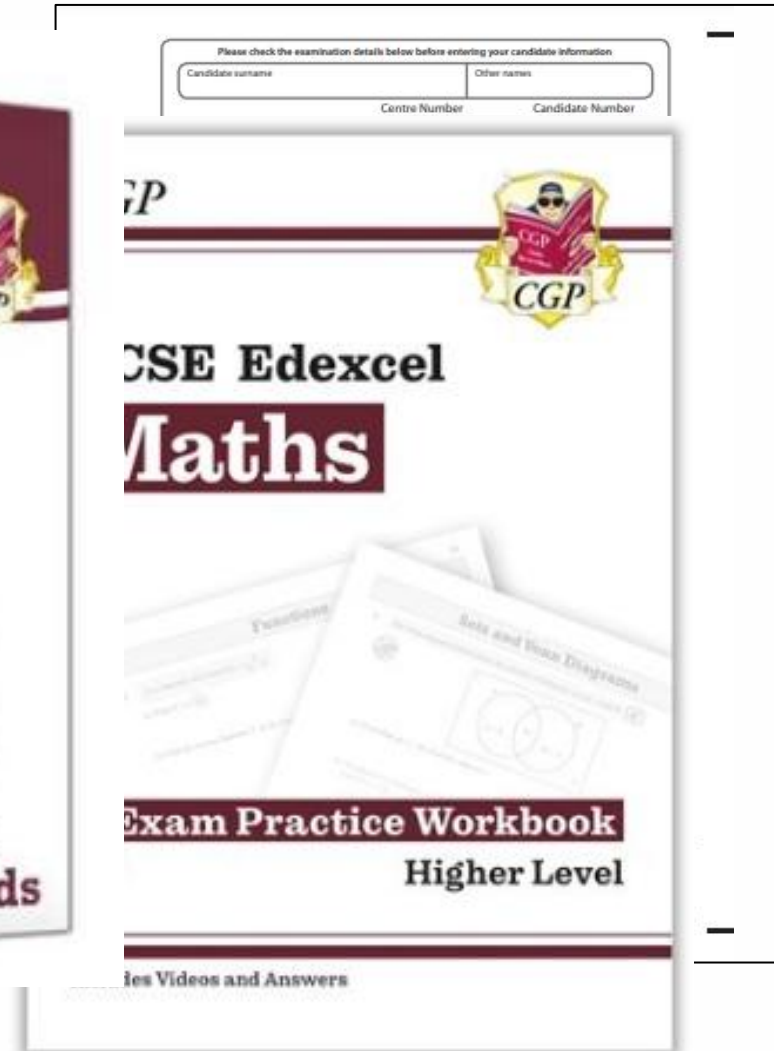
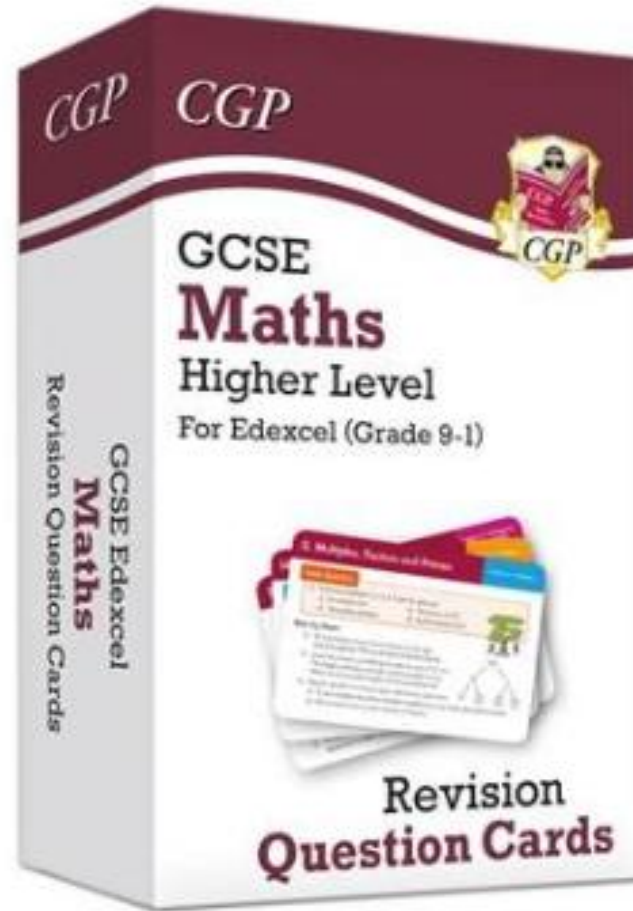
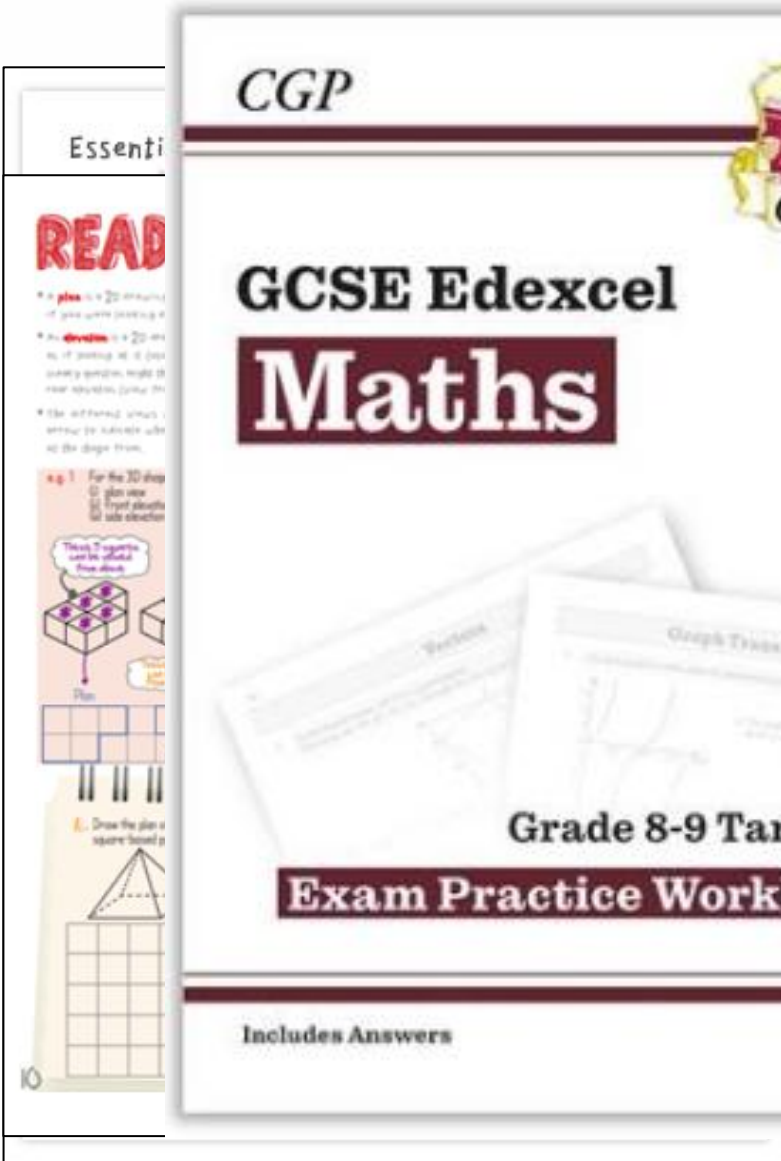
Test:

With two sheep flying, one yellow, the other headed right, how much does a pound of asphalt cost, given that the cow is 10 years old?

← This is not true! It is all perception!

The BEST way to prepare for an exam, is to sit an exam! – **former pupils.**

Additional Practice



Realistic Expectation

Lots of students become disheartened at not achieving the grade they want in the November mocks.

This is OK!

This is the expectation for the end of the year.

Positivity and resilience to persevere and carry on is key.

Comparing scores and looking at the progress made at each stage is more important through the year.

Aiming for an increase of 10-20 marks per paper each time is a good start.

Key Maths Motto

Don't practice until you get it right,
practice until you can't get it wrong!



Core Study Skills

Science

Miss Mills

Science Qualifications – Combined Science

- Combined Science – Trilogy.
- Double Award – **two** GCSE grades.
- Examined as **two** written papers for each subject (**six** papers altogether):
 - Biology
 - Chemistry
 - Physics
- Each paper is 1 ¼ hours, 70 marks
- Marks from all six papers are **totalled** to give the overall double grade.



GCSE Double Award																			
Subject Code	Subject Title	Maximum Mark	Grade Boundaries																
			99	98	88	87	77	76	66	65	55	54	44	43	33	32	22	21	11
8464F	COMBINED SCI: TRILOGY TIER F	420									242	222	203	175	148	121	94	67	40
8464H	COMBINED SCI: TRILOGY TIER H	420	276	257	238	220	202	183	164	145	126	107	89	80					

Science Qualifications – Separate Sciences (Triple Science)

- Biology, Chemistry & Physics.
- Examined as **two** written papers for each subject
 - Biology
 - Chemistry
 - Physics
- Each paper is 1 $\frac{3}{4}$ hours.
- Marks from each pair of papers are totalled to give a **separate** grade for each subject.

Biology	Chemistry	Physics
9	7	8

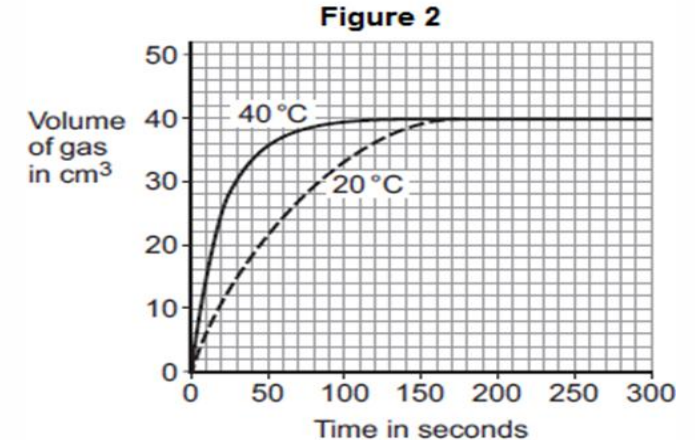


Combined & Triple Science – Maths Skills

- Biology- approximately 10% Maths skills
- Chemistry- approximately 20% Maths skills
- Physics- approximately 30% Maths skills

This could be assessed as:

- Equations
- Graph work
- Calculating averages
- Calculating the range
- Using standard form



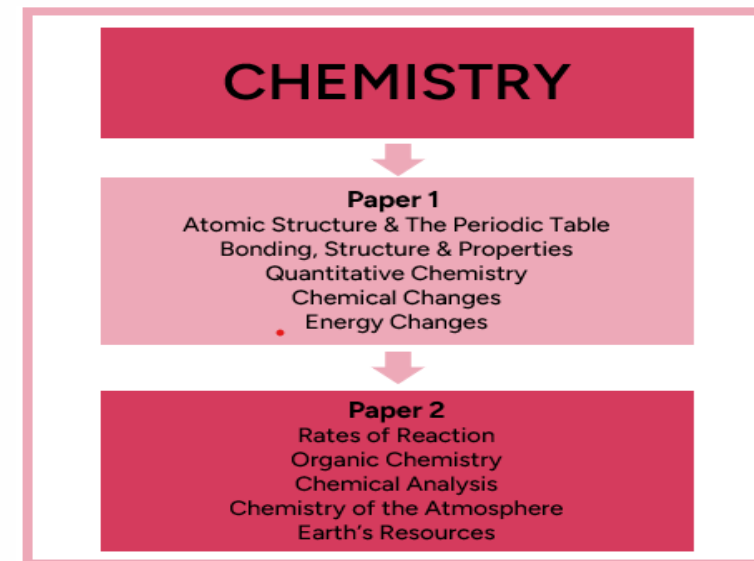
Type of water	Mass in g			
	Watch glass	Watch glass and dissolved solids	Dissolved solids in 5 cm ³ of water	Dissolved solids in 1000 cm ³ of water
Sea water	9.34	9.48	0.14	28.00
River water	9.15	9.23	0.08	X
Rainwater	8.93	8.93	0.00	0.00

Paper 1 & Paper 2 Content

It is crucial that you are aware of which topic is on which paper.

You can find this information on the front & back of all of your Science books.

This will help you to plan your revision effectively.



MY PROGRESS	
ASSESSMENT	GRADE
Paper 1: Atomic Structure & The Periodic Table	
Paper 1: Bonding, Structure & Properties	
Paper 1: Quantitative Chemistry	
Paper 1: Chemical Changes	
Paper 1: Energy Changes	
Paper 2: Rates of Reaction	
Paper 2: Organic Chemistry	
Paper 2: Chemical Analysis	
Paper 2: Chemistry of the Atmosphere	
Paper 2: Earth's Resources	

Core Study Skills

Hollingworth Science Website

- Hollingworth GCSE Science Website.
- EXCLUSIVE for Hollingworth pupils.
- Key content includes:
 - Knowledge Organisers & revision tasks to match.
 - Tiered revision videos made by Hollingworth staff.
 - Practice paper questions & mark schemes for independent study.
 - Access to the required practical simulator.

Biology Topic 1: Cell Biology

1. Cell structure

Animal cell

Plant cell

Keywords

1. Eukaryotic	A complex cell with a nucleus (e.g. animal or plant cell).
2. Prokaryotic	A simpler cell without a nucleus (e.g. bacterial cell).
3. Nucleus	Contains genetic material.
4. Cytoplasm	Where a cell's chemical reactions take place.

2. Specialised cells

Keywords

Differentiation	A stem cell turning into a specialised cell.
Stem cell	A special type of cell which can turn into other specialised cells.
Adult stem cells	Can only produce certain types of cell found in bone marrow.
Embryonic stem cells	Can produce all types of cells - controversial.

Combined_Physics_Paper_2_Forces_Revision.mp4

60N
30N
= 90N to the right
10N
30N

3N
4N
Resultant = 7N

3N
4N
Resultant = 1N

AQA Biology
GCSE Exam-style questions

B11 Hormonal coordination

1 Pour approximately 50cm³ copper (II) chloride solution into the beaker.

unitv WebGL

Science Practical Simulator

Hollingworth Academy GCSE Sciences

Home Physics Chemistry Biology

GCSE Science

Hollingworth Academy GCSE Sciences



Biology

Hollingworth Academy GCSE Sciences

Home Physics Chemistry Biology

Physics



Drive

+ New

- Priority
- Activity
- Workspaces
- My Drive
- Shared drives
- Shared with me
- Recent
- Starred
- Spam
- Trash
- Storage
35.15 GB used

Search in Drive

PHYSICS REVISION GC... > Combined > Paper 1

Type People Modified

Name	↑	Last modified	File size	
1. Particle Model		May 17, 2021 me	—	
2. Atomic Structure		May 17, 2021 me	—	
3. Energy		May 17, 2021 me	—	
4a. Electric Circuits		May 17, 2021 me	—	
4b. Mains Electricity		May 17, 2021 me	—	
Combined Physics Paper 1 Revision Checklist.docx		May 19, 2021 Mrs C Smith	15 KB	
Combined Physics Paper 1 Revision.mp4		Jun 14, 2021 Mrs C Smith	389.8 MB	
Paper 1 Formulae with Mnemonics.docx		Nov 25, 2021 me	10 KB	
Physics Paper 1 Key Ideas.docx		Jan 12, 2022 me	32 KB	

Hollingworth Science Website

To access the revision website and the online practical simulator, you can use the QR codes on the back of your Science books.

You must be logged into a Hollingworth account to gain access to the website.

The access code to the simulator is **HO583**.

Science at Hollingworth will inspire scientific curiosity, engage pupils and provide the skills and knowledge to understand the world around them.

Please scan the **QR code** to access our **KS4 Science** website, use this to support your revision.



Please scan the **QR code** to access an online practical simulator website, use this to support your revision. Our access code is **HO583**.



The website includes:

- Revision videos
- Past paper questions & mark schemes
- Knowledge organisers

Paper 1 requires practicals:

- Microscopy, Osmosis, Enzymes, Food Tests, Photosynthesis

Paper 2 required practicals:

- Field Investigations, Reaction Time.

MY PROGRESS	
ASSESSMENT	GRADE
Paper 1: Cell Structure	
Paper : Transport in Cells	
Paper 1: Digestive & Circulatory Systems	
Paper 1: Cell Division & Non-Communicable Disease	
Paper 1: Plant Organs and Tissues & Photosynthesis	
Paper 1: Disease	
Paper 2 : Ecology	
Paper 2 :Homeostasis & Hormonal Control	
Paper 2: Reproduction	
Paper 2: Variation & Evolution	

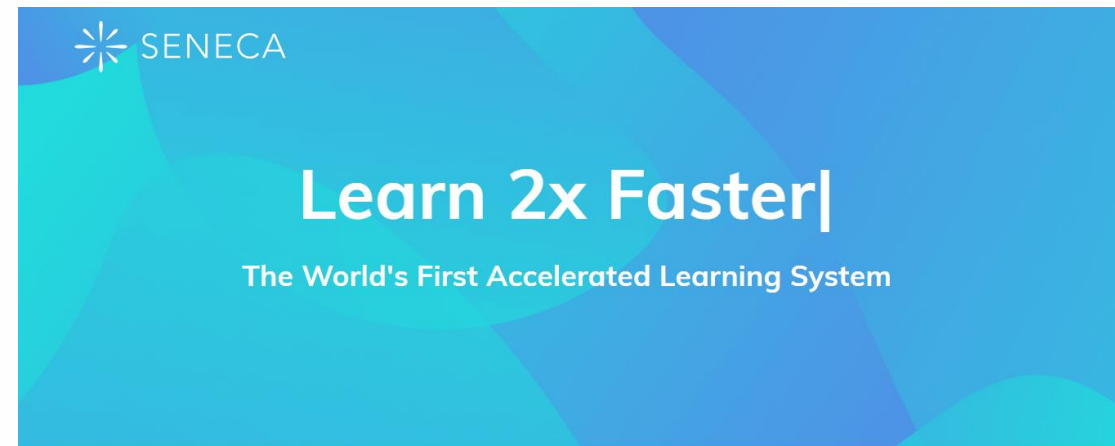
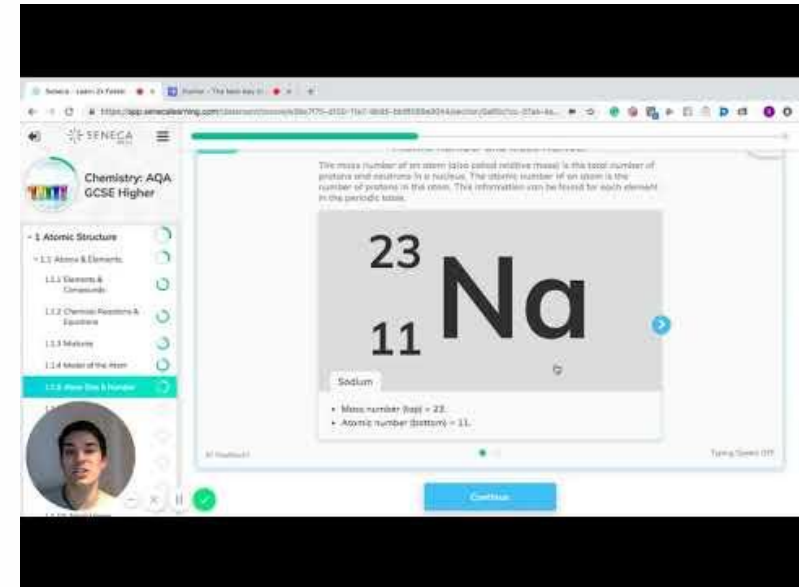
RESPECT

RESPONSIBILITY

RESILIENCE

Core Study Skills - Seneca

- Seneca's smart learning algorithms are academically proven to help pupils remember topics 2x faster than traditional methods.
- If pupils gets a question wrong, Seneca will show them the content again in a different format and at the perfect moment.
- You can monitor your child's progress and study time through the **free** parent platform.
- Seneca recommends **20-30 minutes** a day, building up to **1-2 hours** in the run up to exams.



"EVERYONE EXCELS EVERYDAY"

Science Revision Guides

Revision guides can be purchased through Arbor. The revision guides complement the homework and are a useful resource when preparing for end of unit tests and examinations.

Year 11 pupils – Non-Triple Science

Combined Science (AQA) Revision Guides – Higher or Foundation options (choose one option only) - £6.50 each. This will be useful for Year 10 and Year 11.

Year 11 – Triple Science ONLY

Triple Science (AQA) Pupils - **Biology, Chemistry and Physics** options - **£3.50 each** – you will need to purchase **one of each**

ORDERS ARE CURRENTLY OPEN AND CLOSE ON MONDAY 3RD NOVEMBER

THIS PRICE IS ONLY OFFERED ONCE THIS YEAR



How You Can Support Your Child

Mr Clark

How To Support Your Child

1. Be a strong role model. Be a good example by modelling the behaviour you want your child to adopt...

- Talk about your planning for the week. Model being organised.
- Make sure that you eat healthily.
- Be active together with your child.
- Model good sleep habits.

How To Support Your Child

2. Goal Setting

- Encourage your child to keep their goals visible. Get them to put up a picture that represents or shows their goal.
- Keep the goals 'live' - talk about their goals regularly.
- Keep a positive message - no matter what your child says, it is never too late!

How To Support Your Child

3. Keeping Active 60 minutes per day

- Plan to do active things together on a weekend.
- Encourage them to keep active every day. Could you go out for a walk together to get some fresh air?
- After exercise, is a good time to revise as exercise increases brain function.

How To Support Your Child

4. Time Out

- Seeing friends
- Listening to music
- Doing a hobby
- Going shopping
- Going to the cinema
- Reading a book

Preparing for GCSEs should be the top priority this year but taking time out is as important as putting time in.

How To Support Your Child

5. Healthy Eating

- Eating the right food can energise your child. It improves alertness and sustains your child through lessons and exams.
- Encourage your child to join family meals, even if it's a busy revision day.
- Hydration is key to brain functioning so make sure your child carries a bottle of water with them.
- Snacks for school - avoid high sugary and fatty foods or drinks.
- **Make sure they have breakfast, every day.**

How To Support Your Child

6. Positive Revision Space

- Don't ask them to do too many chores or look after younger brothers and sisters.
- Encouraging the rest of the family to help by not disturbing revision.
- Ensuring your child has a quiet place for study at home, where their work can be safely kept.

How To Support Your Child

7. Sleep Patterns

- Young people need between 8 – 9 hours sleep per night.
- Working backwards from a 7am get up, means them being in bed by 10pm.
- Going to bed after 10pm = sleep deficit.
- Prepare for sleep:
 - Don't eat too late at night or drink fizzy drinks with sugar/caffeine.
 - Don't work or revise before going to bed.
 - Switch off from social media / technology at least an hour before bedtime.
 - Hand in game controllers when revising.
 - Leave the mobile phones outside bedroom.

How To Support Your Child

8. Building Confidence

- Be positive, help them put the whole thing into perspective. There is life after exams.
- Be supportive and help alleviate worries by talking to them.
- Resist the urge to compare them with other young people, whether friends or siblings – ‘saying your brother worked hard and got B’s’ won’t motivate.
- Praise/reward them for the amount of effort they put in and trying their best.
- Tell them that they can only try their best and even if they don’t do as well as you’d hoped, you still love them just as much.



Thank You

Mr McGinty

"EVERYONE EXCELS EVERYDAY"