

YOUR SCHOOL YOUR FUTURE YOUR COMMUNITY!

Welcome to our Year 11 Preparation for Success Evening

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Outline of the evening

- How to prepare your son/daughter for success this year.
Mrs Wilkinson & Mrs Flack
- Attendance and achievement.
Mrs Hudson.
- Careers.
Mr Rastrick & Mrs Wilkinson
- Core subject inputs.
 - Mr Hartley - English, Mrs Millward – Science & Mr Tudor – Maths
- Options Subjects & Post-16 representatives. Sports Hall

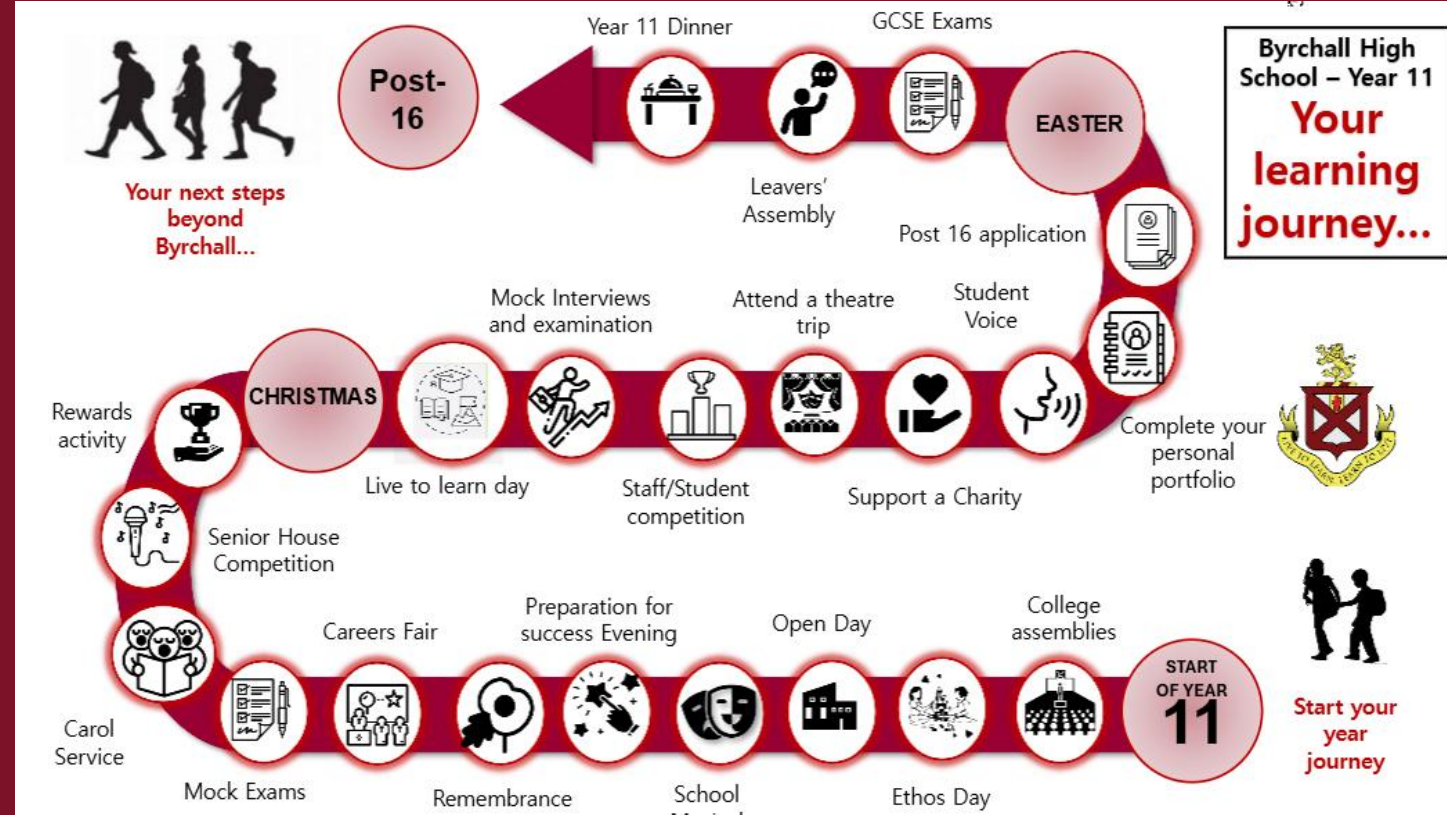
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Year 11 Learning Journey

Key Dates:

- 16th October – Ethos Day
- 2nd – 6th November – Mock exams
- 6th November – remembrance service
- 18th November – Careers Fair
- 1st December – Y11 photos
- 3rd December – Y11 form tutor evening
- 11th December – Senior House comps
- 14th January – Y11 parents evening
- 28th January – Mock interview day
- 8th February - 12th February - Mock exams
- 2nd – 5th March – National Careers Week
- 7th May – Start of GCSE exams
- 25th June – Leavers' dinner!

... and lots more in between!



3 and a half school weeks until the first set of mocks!

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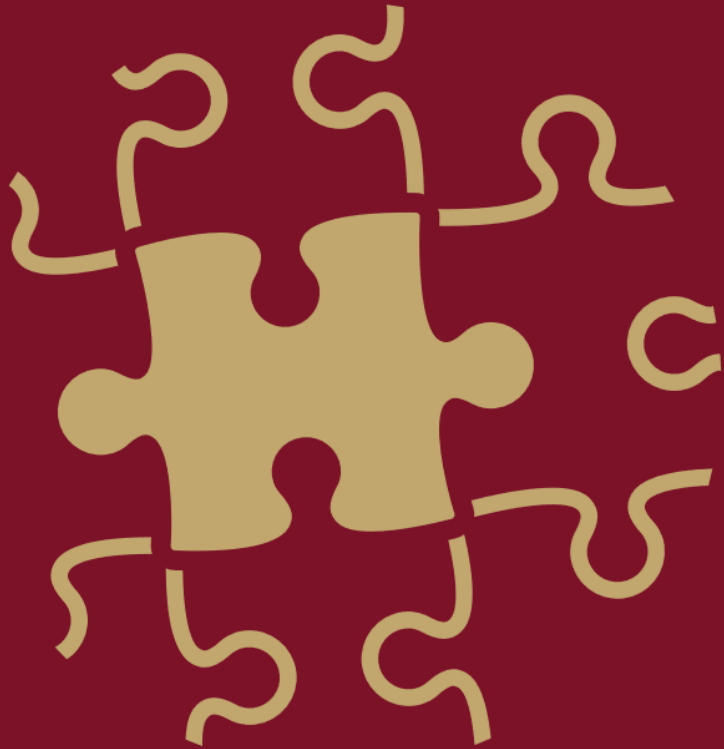
What do we offer?

- Excellent teaching
- Study skills sessions on Ethos Day
- Private study in form time
- Importance of wellbeing
- Exam stress techniques
- Revision techniques in personal development lessons
- After school revision lessons
- Lunch time revision sessions
- Holiday schools
- Form time study sessions (core subjects)
- Pastoral support

"Prepare now: little and often"

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Attendance



Every day counts. School target:
97% attendance.

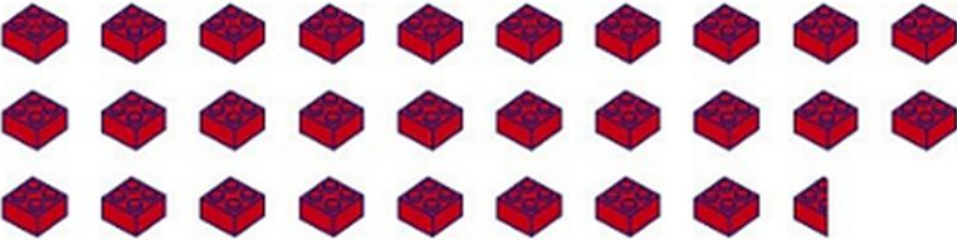
Strong habits are the building
blocks for success.

Missed time = lost learning and
gaps in knowledge.

Punctuality vital, too.

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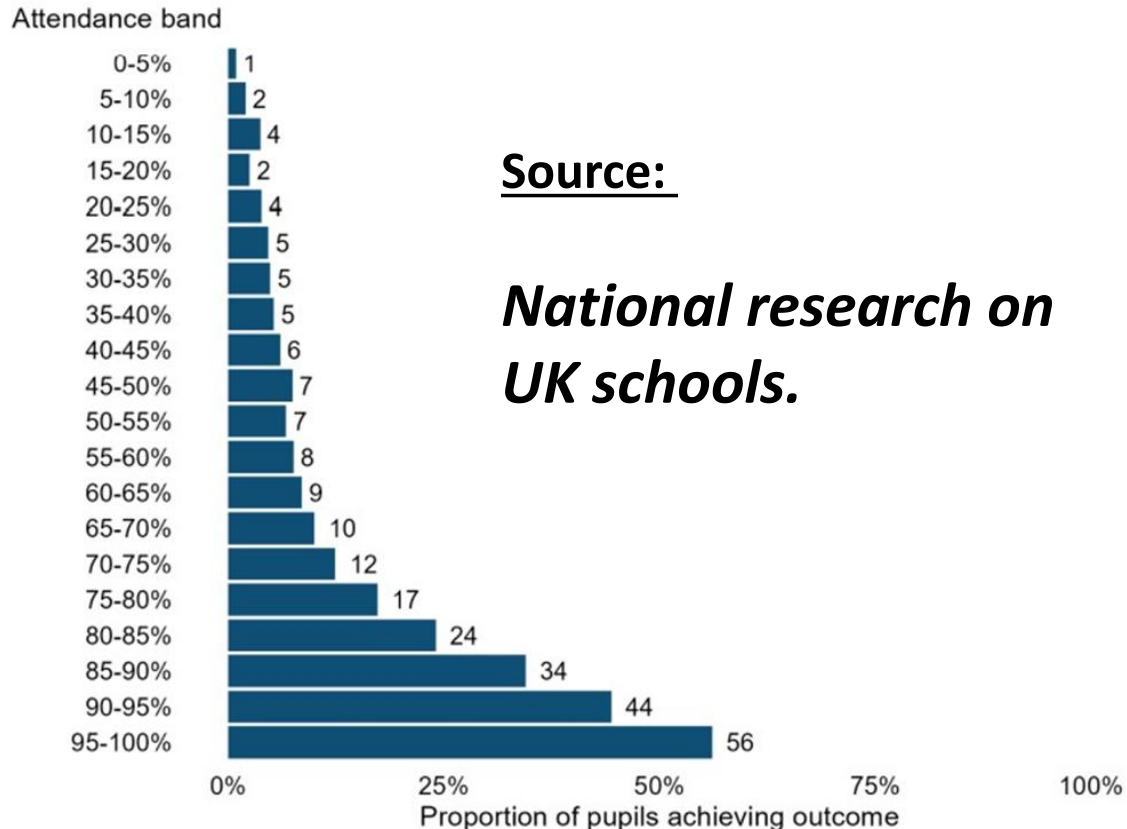
The Maths of Attendance...

Attendance	Days lost learning over 1 year	Lost learning over 1 year	Lost learning over 5 years
95%		9½ days 47½ hours	9½ weeks 237½ hours
90%		19 days 95 hours	19 weeks 475 hours
85%		28½ days 142½ hours	28½ weeks 712½ hours

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Attendance & achievement

Figure 6 Proportion of pupils in each 5% attendance band for Year 11 achieving Grade 5 or above in English and Maths GCSE at the end of KS4



Source:

National research on UK schools.

Attendance %	Average Grade	Old grade equivalent
95%+	5	Low B
90-95%	3	D
Below 90%	2	F

Source: Byrchall High School results, 2026

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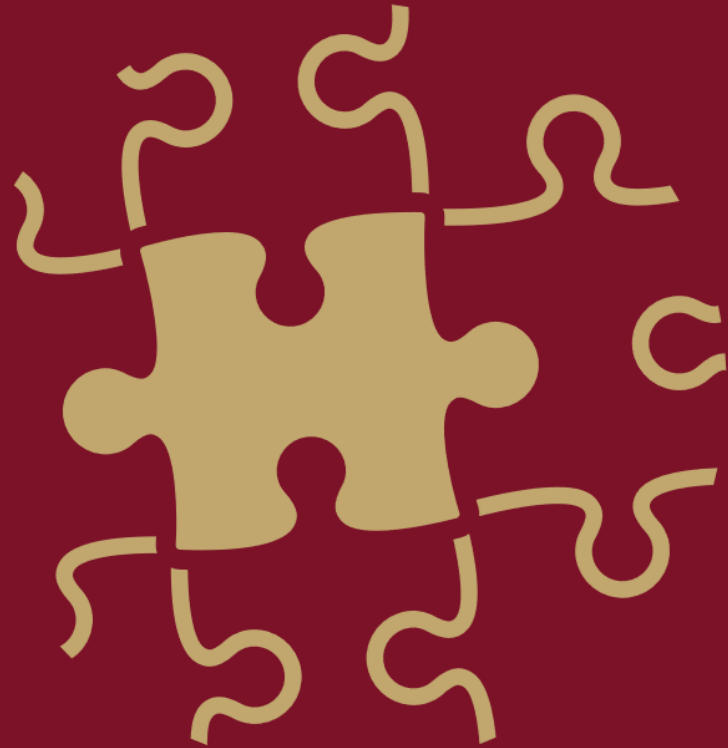
Attendance: we are here to help...

Dedicated attendance team (Attendance Manager: Mrs R. Savage).

Support for students & families.

Attendance@byrchall.wigan.sch.uk

Please reach out.



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Careers and Post-16 Support

What to expect over the coming months:

- One-to-one personal guidance interview with qualified Careers Adviser
- College and post-16 provider assemblies every Friday in the Autumn term
- College open evenings
- Preparation for mock interview including CV writing and interview technique
- Mock interview with an employer or professional person including feedback
- Careers Fair
- College and training provider applications including apprenticeships
- Use of Unifrog to support college applications and career choices
- Careers support on GCSE Results day

arastrick@byrchall.wigan.sch.uk

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BYRCHALL HIGH SCHOOL

Year 11 Support – English

Mr Hartley

nhartley@byrchall.wigan.sch.uk

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GCSE English at Byrchall High School

Students have been studying a two-year course which will prepare them for examinations in two GCSE qualifications

AQA GCSE **English Language**

Paper 1 – Explorations in
Creative Reading & Writing
(1hr 45 mins)

Section A – Reading

One literature fiction text.

Section B – Writing

Descriptive or narrative writing.

AQA GCSE **English Language**

Paper 2 – Writers' Viewpoints &
Perspectives (1hr 45 mins)

Section A – Reading

One non-fiction text and one
literary non-fiction text.

Section B – Writing

Transactional non-fiction writing.

Students will also take an assessment in **Speaking & Listening**. For this, they have prepared and delivered a presentation.

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GCSE English at Byrchall High School

Students will undertake a two-year course which will prepare them for examinations in two GCSE qualifications

AQA GCSE **English Literature**

Paper 1 – Shakespeare and the
19th-Century Novel
(1hr 45 mins)

Section A – Shakespeare
Macbeth

Section B – 19th-Century Novel
The Strange Case of Dr Jekyll
and Mr Hyde

AQA GCSE **English Literature**

Paper 2 – Modern Texts and
Poetry
(2hr 15 mins)

Section A – Modern Prose or Drama
Blood Brothers

Section B – Poetry
Love & Relationships Poetry Anthology
Unseen Poetry

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Where are we up to on the course?

Last year (year 10), students studied *Blood Brothers* and *Macbeth*. We also studied English Language - Paper 1.

At the end of summer, students sat a Literature mock and an English Language Paper 1 mock examination.

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Where are we now and what's coming up?

Currently, we are studying *The Strange Case of Dr Jekyll and Mr Hyde*.

In November, students will sit two mock exams.

English Literature - Paper 1 - *Macbeth* and *The Strange Case of Dr Jekyll and Mr Hyde*.

English Language - Paper 1 - Explorations in Creative Reading & Writing

In February, students will sit another two mock exams.

English Literature - Paper 2 - *Blood Brothers*, *Love & Relationships Poetry*, & *Unseen Poetry*.

English Language - Paper 2 - Writers' Viewpoints & Perspectives

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Successful Revision Techniques – Homework

- Blurting & Brain Dumps
- Character Tracker / Timeline
- Cornell Notes
- Examination Questions (Deconstructing, Planning, Introductions, Timed Answers)
- Quotation Flashcards
- **Homework**
- Knowledge Organisers
- Look, Cover, Write, Check
- Mind Maps & Spidergrams
- Quotation Drills
- Retrieval Quizzes
- Spaced Practice
- Teach Somebody Else
- Theme Tracker / Timeline
- Writer's Method Spotting

Year 11 – English Literature – Paper One

The Strange Case of Dr Jekyll and Mr Hyde

Revision & Homework Booklet



Name -

Class -

Teacher -

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Successful Revision Techniques – Quotation Flashcards

- Blurting & Brain Dumps
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Richard Enfield

(Describing Mr Hyde)

Chapter One

Story of the Door

Oxymoron

Verb

the man trampled
calmly over the child's
body...

Adverb

WHO
WHAT

Mr Enfield is telling Mr Utterson a story.

He is telling him about a strange event that he witnessed. A man knocked a young girl over in the street, and then he walked over her.

HOW

Stevenson has used an oxymoron to represent the duality that is found inside Victorian gentlemen, as well as the dual nature of Victorian society.

WHEN
WHY

Chapter One – Story of the Door.

Stevenson is trying to represent the impossibility of Mr Hyde and the unrestrained emotion, violence, and desire that he represents.

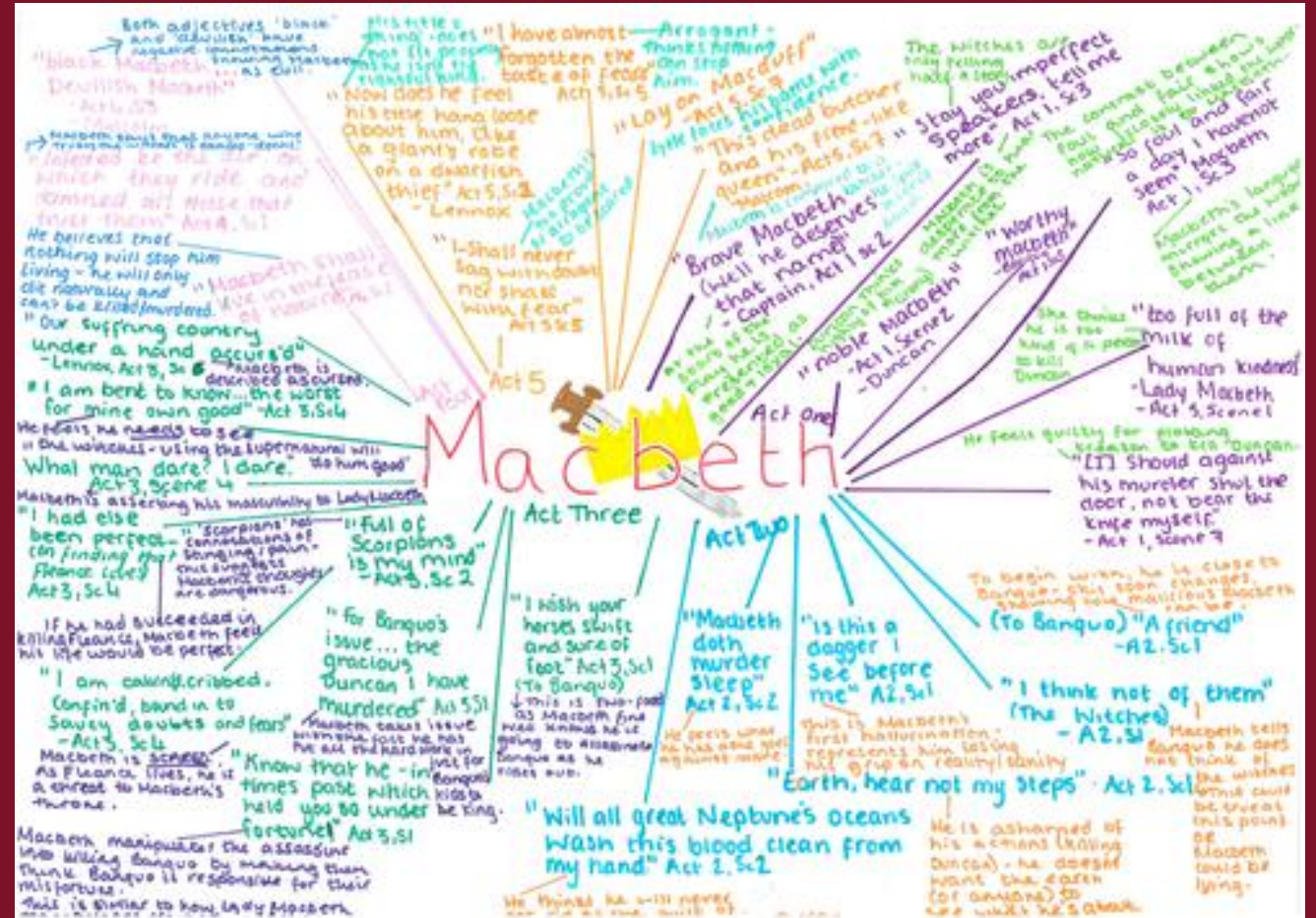
LINKS

Compare this to Mr Utterson's restraint at the beginning of the novella.

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Successful Revision Techniques – Mind Maps

- Blurting & Brain Dumps
- Character Tracker / Timeline
- Cornell Notes
- Examination Questions (Deconstructing, Planning, Introductions, Timed Answers)
- Flashcards
- Homework
- Knowledge Organisers
- Look, Cover, Write, Check
- **Mind Maps & Spidergrams**
- Quotation Drills
- Retrieval Quizzes
- Spaced Practice
- Teach Somebody Else
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Is Social Media Useful for English Revision?

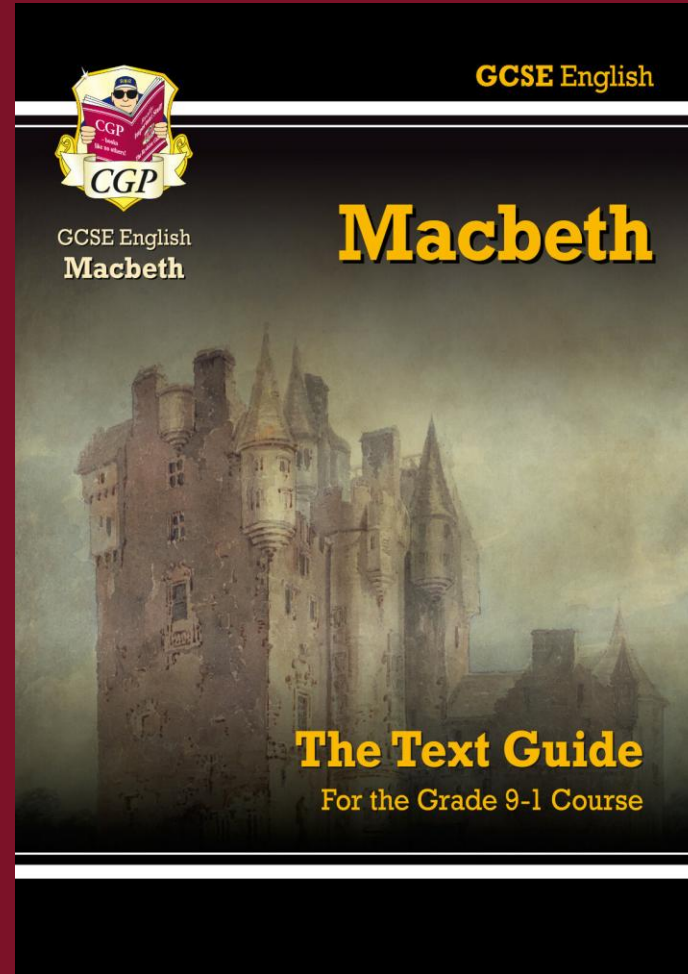
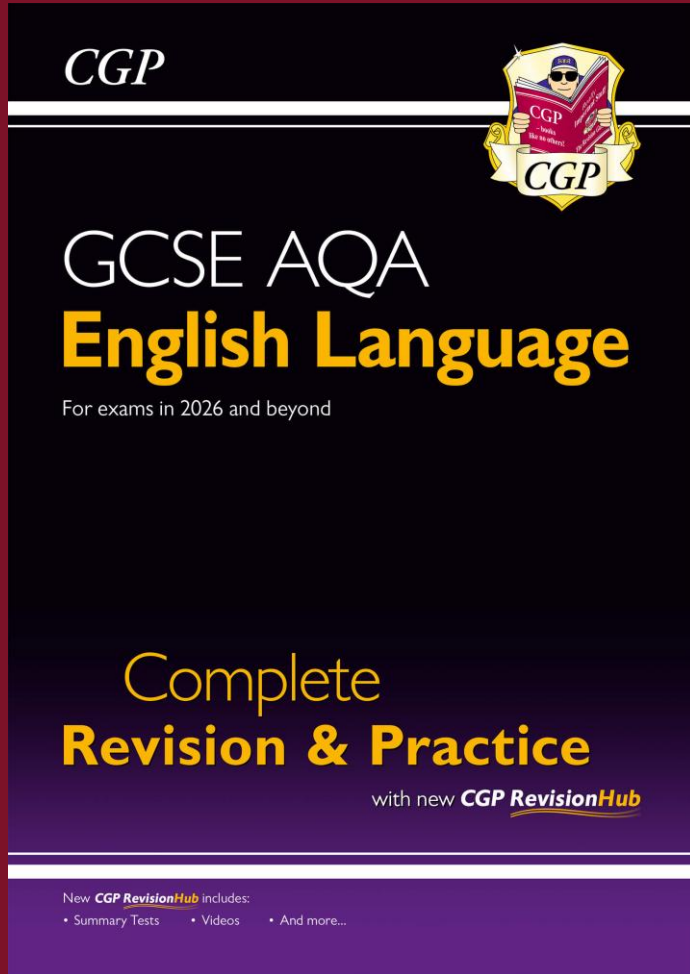
Examiners remained concerned about the effect of unhelpful information on social media. Indeed, it may be that this contributed to some of the concerns expressed above. Students are advised that, as with all online information, the quality of advice offered online about this subject varies greatly and they should trust reliable sources – like their teachers – above influencers.

We strongly advise that if you choose to revise using social media, then do so with caution. If you come across a theory, idea or analysis on social media that your English teacher has not taught you, then it is unlikely to be accurate.

The only person on social media we would recommend is Mr Bruff and our own Instagram page.

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Useful Revision Guides



Further questions...

Get in touch with your child's classroom teacher, Mr Longson (Learning Manager KS4 English) or Mr Hartley (Director of Learning – English and Literacy) if you have any concerns, need any help or just want to check anything.

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BYRCHALL HIGH SCHOOL

Y11 Support Science

Mrs Millward

Email: kmillward@byrchall.wigan.sch.uk

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AQA combined science: Trilogy

Students will sit 6 exam papers: two Biology, two Chemistry and two Physics. Each paper will assess knowledge and understanding in distinct areas and working scientific skills.

Biology assessment

- Two exam papers
- 70 marks each
- 16.7% of GCSE
- 7 topics

Chemistry assessment

- Two exam papers
- 70 marks each
- 16.7% of GCSE
- 10 topics

Physics assessment

- Two exam papers
- 70 marks each
- 16.7% of GCSE
- 7 topics

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Combined science trilogy-
21 required practical's

GCSE Biology, Chemistry
and Physics- 23 required
practical's

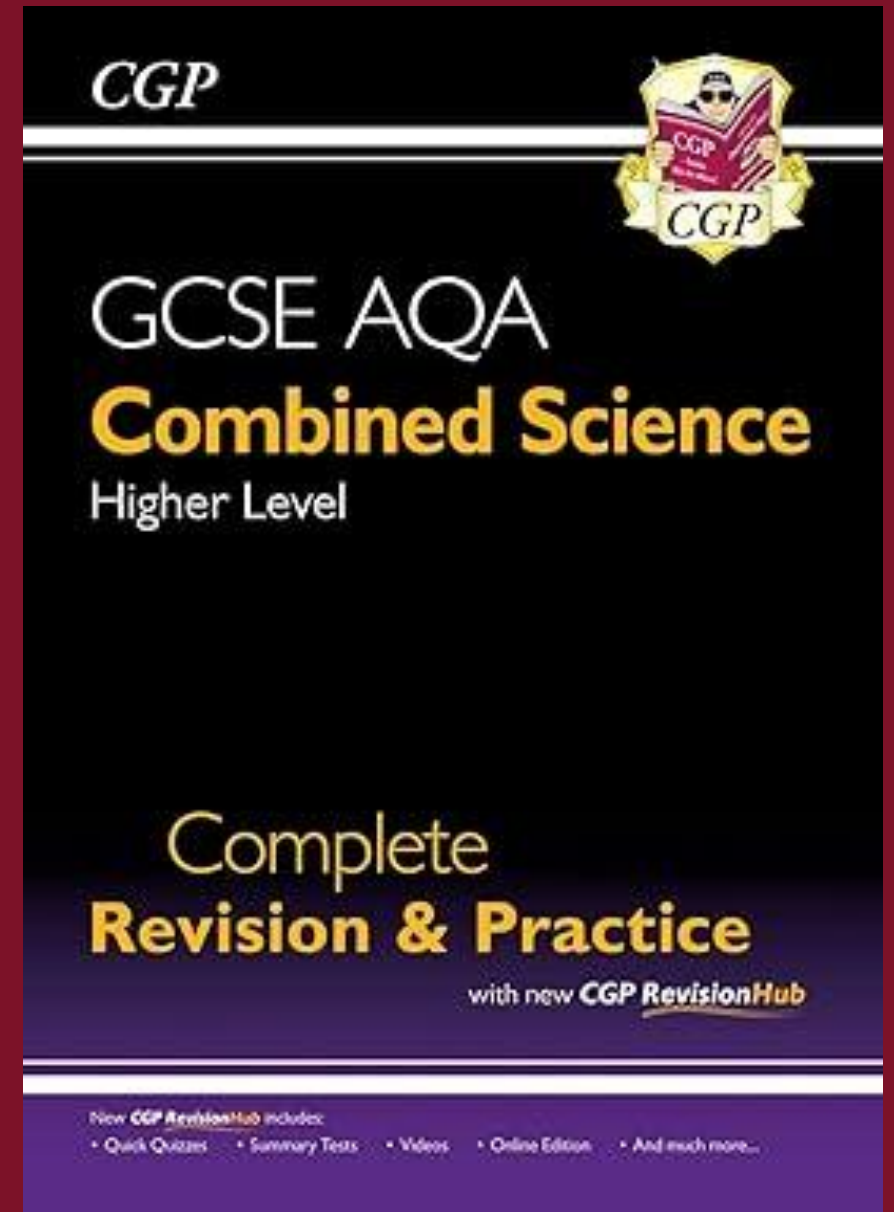
Required practical's

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Revision

Revision guides will be provided to all students within the next week.

To be used in lessons and for revision.



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AQA combined science: Trilogy

Science Topic lists

2 Biology exams

2 Chemistry exams

2 Physics exams

1 hour and 15 mins

70 marks each paper



Biology topics:

Paper 1: Topics 1 → 4 Paper 2: Topics 5 → 7

1. Cell structure and transport
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Physics topics:

Paper 1: Topics 18 → 21

Paper 2: Topics 22 → 24

18. Energy
19. Electricity
20. Particle model of matter
21. Atomic structure
22. Forces
23. Waves
24. Magnetism and electromagnets

Chemistry topics:

Paper 1: Topics 8 → 12

Paper 2: Topics 13 → 17

8. Atomic structure and periodic table
9. Bonding, structure and the properties of matter
10. Quantitative chemistry
11. Chemical changes
12. Energy changes
13. The rate and extent of chemical change
14. Organic chemistry
15. Chemical analysis
16. Chemistry of the atmosphere
17. Using resources

*'Inspiring young
scientist of the future,
atom by atom'.*

AQA Trilogy Physics check list

Paper 1	Covered	
Energy	Learnt	Rev
1.1.1 Energy stores and systems		
1.1.2 Changes in energy		
1.1.3 Energy changes in systems		
1.1.4 Power		
1.2.1 Energy transfers in a system		
1.2.2 Efficiency		
1.3 National and global energy resources		
Electricity		
2.1.1 Standard circuit diagram symbols		
2.1.2 Electrical charge and current		
2.1.3 Current, resistance and potential difference		
2.1.4 Resistors		
2.2 Series and parallel circuits		
2.3.1 Direct and alternating potential difference		
2.3.2 Mains electricity		
2.4.1 Power		
2.4.2 Energy transfers in everyday appliances		
2.4.3 The National Grid		
Particle Model of Matter		
3.1.1 Density of materials		
3.1.2 Changes of state		
3.2.1 Internal energy		
3.2.2 Temperature changes and specific heat capacity		
3.2.3 Changes of heat and specific latent heat		
3.3.1 Particle motion in gases		
Atomic Structure		
4.1.1 The structure of an atom		
4.1.2 Mass number, atomic number and isotopes		
4.1.3 The development of the model of the atom		
4.2.1 Radioactive decay and nuclear radiation		
4.2.2 Nuclear equations		
4.2.3 Half-lives and the random nature of radioactive decay		
4.2.4 Radioactive contamination		

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Science Topic lists- year 11 mock 1

Combined science trilogy- Higher

1 Biology exam, 1 Chemistry exam, 1 physics exam

1 Hour and 15 min

70 marks each paper



	Topic	CGP revision guide page
Biology	Non-communicable diseases (Cancer)	66
	The digestive system	41
	Enzymes	42-46
	Photosynthesis / Rate of photosynthesis	89-95
	The Heart	53
	Blood vessels	54-55
	Structure of leaves	36
Chemistry	Periodic Table and Models of the atom	188-192
	Isotopes	175
	Reactions of acids	231-234
	Energy Changes and Reaction profiles	248-250
	Allotropes of Carbon and Alloys	213-215
	Electrolysis	242
	Bond Energies	249-250
Physics	Power	303
	Energy Stores	297
	Radiation	343-349
	Atomic Structure	341-342
	IV Characteristics	319
	Density	335
	Energy Resources	308-314

'Inspiring young scientist of the future, atom by atom'.

Revision lists

*Split into individual papers-
Biology / chemistry / physics.

*Provide specific topics areas to
revise.

*linked to revision guides.

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Exam Diagnostic:

Year 10 Summer Mock 2025

ID95

Target Grade

8,8

Summer Mock June 2025

TEACHING CLASS

Q	TOPIC	MAX	MARKS
1	Food Tests	12	6
2	Osmosis	10	8
3	Communicable Diseases	12	12
4	Photosynthesis and rate of reaction	10	9
5	Microscopes	9	5
6	Mitosis	11	9
7	Heart Disease	6	4
8	Reactions of acids	12	10
9	Relative Atomic Mass	10	10
10	Group 1	9	4
11	Group 7	10	9
12	Electrolysis	9	6
13	Metal and Acids	10	2
14	Structure and Properties	10	5
15	Wiring a plug	9	9
16	Radioactive Isotopes	11	9
17	Resistance of a wire	13	10
18	Renewable and non renewable	8	8
19	Energy Changes	14	7
20	Energy	7	3
21	Energy Calculations	8	6
		210	151

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Support in school



Provide Revision Checklist – a list of specific topics and knowledge required for each exam paper.



Do recall and short application questions from revision guide (can be bought from their science teacher).



Regular retrieval practice e.g quiz's



Exam practise in lessons- model how to answer exam questions / assessments / provide feedback.



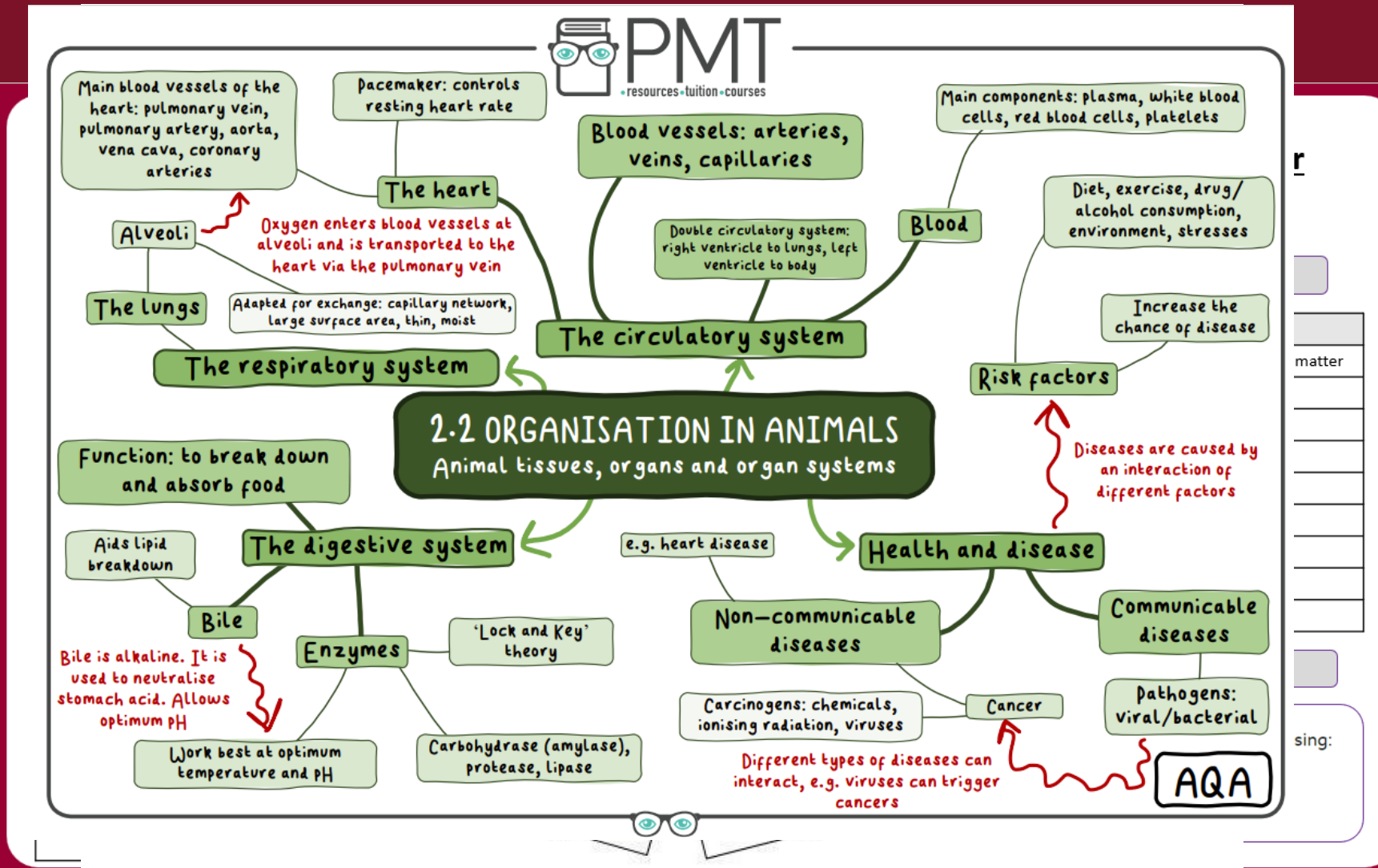
Regular assessment and feedback – feedback used to identify gaps in knowledge and incorporate in lessons.



Question level analysis (QLA)- students will be provided with a personalised QLA following all assessments.

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Revision



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How can you support



Encourage students to read through their class work and identify anything they don't understand.



Complete revision activities using classwork and online platforms.



Use online platforms to revision prior knowledge. E.g. BBC bitesize



Complete exam style questions to consolidate and apply knowledge.



Homework- complete weekly and incorporate revision.

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Next steps

Lessons: Enhance subject knowledge and skills through the curriculum.

Formative assessment embedded in all lessons and used to identify gaps in learning.

Personalised RAG grids will be provided to all students following tests / exams.

Exam question walk- through revision will take place prior to each examination.

Attendance at revision sessions is essential.

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BYRCHALL HIGH SCHOOL

Y11 Support – Maths

Mr Tudor

Email: dtudor@byrchall.wigan.sch.uk

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Preparation

- During Year 11, assessment is based around past and practice exam papers
- Set up improvement plans for each student in the form of a RAG analysis from the first set of mock exams.
- Targeted intervention post mocks

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Preparation

- We want the students to perform at their best in their mock examinations.
- Confidence boost
- Will give us a true flavour of strengths and weaknesses.

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Preparation

- Topic checklists with Sparx Maths clip numbers
- Core Skills homework set weekly
- Targeted lessons based on Mock content
- In class starter tasks

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Mock Revision Lists

YEAR 11 REVISION LIST

HIGHER



Paper 1

Topic	Sparx Code
Position-to-term rules for arithmetic sequences	U498
Adding and subtracting mixed numbers	U793
Multiply with mixed numbers, Convert mixed numbers & improper fractions	U224,U692
Finding the area of compound shapes, Solving direct proportion word problems	U970,U721
Solving direct proportion word problems	U721
Venn diagrams with set notation	U748
Venn diagrams with set notation	U748
Estimating calculations	U225
Estimating calculations	U225
Finding equations of <u>straight line</u> graphs	U315
Equations of parallel lines	U377
Fractions of amounts, <u>Combine</u> ratios, Convert between fractions & percentages	U881,U921,U888
Calculating the mean	U291
Finding the percentage an amount has been changed by	U278
Solving simultaneous equations using elimination	U760
Combining transformations	U766

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Sparx Maths revision

- Help videos on every topic
- Questions on every topic tailored to your child's ability
- To be used for independent revision at home

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Sparx Maths revision

Questions	Topic	Score	Sparx Code
1a	Adding and subtracting mixed numbers	1.72 / 2	U793
1b	Dividing with mixed numbers	1.16 / 2	U538
2	Combining ratios, Using equivalent ratios to find unknown amounts	2.5 / 3	U921,U753
3	Converting units, Finding the percentage an amount has been changed by	3.25 / 4	U388,U278
4a	Calculating with speed, Estimating calculations, Dividing integers	1.66 / 3	U151,U225,U453
4b	Calculating with speed, Estimating calculations	0.94 / 1	U151,U225
5a	Plans and elevations	1.44 / 2	U743
5b	Finding the surface area of pyramids	1.81 / 4	U871
6	Solving shape problems involving coordinates	2.66 / 5	U889
7	Combining transformations	1.34 / 2	U766
8	Using equivalent ratios to find unknown amounts, Finding the area of triangles	2.94 / 4	U753,U945
9a	Indices of the form $1/a$	0.69 / 1	U985
9b	Calculating with roots and powers	0.66 / 1	U851
9c	Indices of the form a/b , Index rules with negative indices	0.81 / 2	U772,U694
10a	Drawing box plots	2.91 / 3	U879
10b	Interpreting box plots	1.16 / 2	U837
11	Circle theorems for chords and tangents	0.97 / 5	U489
12	Writing algebraic proofs	0.25 / 4	U582
13	Expanding brackets with surds, Simplifying surds	0.88 / 3	U499,U338
14	Constructing direct proportion and inverse proportion equations	0.91 / 5	U407,U138
15a	Factorising the difference of two squares	0.56 / 1	U963
15b	Factorising the difference of two squares, Expanding double brackets	0.19 / 3	U963,U768
16	Converting between ratios, fractions and percentages, Probability	0.84 / 3	U176,U510
17	Simplifying algebraic fractions by factorising into two brackets	0.28 / 3	U294
18	Translating graphs	1.06 / 2	U598
19	Equations of parallel and perpendicular lines	0.63 / 5	U898
20	Solving single inequalities, Solving quadratic inequalities	0.72 / 5	U759,U133

Sparx Maths Case Study

Sparx Superstars!

02 March 2026 15:16

Tier	Total	9	8	7	6	5	4	3	2	1
H	240	211	182	153	119	85	51	34		



Leonardo

Target Grade - 6

Year 10 - 72 (4)

November - 72 (4)

February - 113 (5)

22 hours on Sparx



Michealangelo

Target Grade - 6

Year 10 - 56 (4)

November - 125 (6)

February - 139 (6)

17 hours on Sparx



Raphael

Target Grade - 6

Year 10 - 50 (4)

November - 59 (4)

February - 89 (5)

**5 hours on Sparx in the
two weeks before the Feb
Mock**



Donatella

Target Grade - 5

Year 10 - 30 (U)

November - 48 (3)

February - 55 (4)

29 hours on Sparx

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Sparx Maths Case Study

Sparx Superstars!

02 March 2026 15:16

Tier	Total	9	8	7	6	5	4	3	2	1
H	240	211	182	153	119	85	51	34		



Leonardo

Target Grade - 6

Year 10 - 72 (4)

November - 72 (4)

February - 113 (5)

22 hours on Sparx



Michealangelo

Target Grade - 6

Year 10 - 56 (4)

November - 125 (6)

February - 139 (6)

17 hours on Sparx

ALL maintained or surpassed their final mock grade



Raphael

Target Grade - 6

Year 10 - 50 (4)

November - 59 (4)

February - 89 (5)

**5 hours on Sparx in the
two weeks before the Feb
Mock**



Donatella

Target Grade - 5

Year 10 - 30 (U)

November - 48 (3)

February - 55 (4)

29 hours on Sparx

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Past Paper Society

- Every Tuesday in our restaurant
- Past Paper practice
- All together helping each other
- Multiple maths teachers present

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Hannah Kettle Maths

- Live past paper walkthroughs every Thursday
- On TikTok and Youtube
- Foundation 7:00pm – 7:30pm
- Higher 7:30pm – 8:00pm

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Homework

- Set every week
- Regular practice of core skills
- Great for Recall and Retention
- Independent personalised study fully encouraged!

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Foundation or Higher?

- We will make the correct decision for your child.
- Skills for life.
- Students' next steps. (studying beyond Byrchall)
- More than just a Qualification!

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How can you help?

- *Good attendance* - making sure your child attends all Mathematics lessons and understands the importance of making the most of lesson times.
- *Equipment and space* - Making sure a quiet space for study is provided, as are pens, paper and other necessities.

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How can you help?

- *Encouragement* - Showing an interest in their Mathematics, helping with homework (but not doing it for them), testing them when they ask, keeping a subtle eye on progress and celebrating achievements.
- *Strong school links* - Ensuring your child knows that you are ready to liaise with the department whenever they need you to can help ease their worries and stress.
- **Don't hesitate in contacting us, if you have any worries or concerns.**

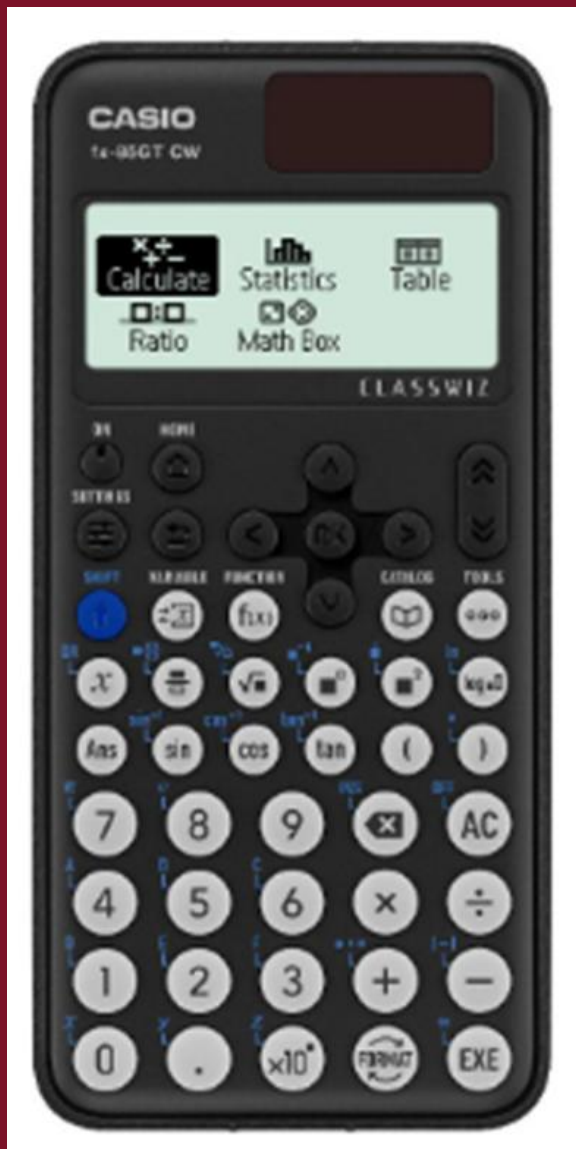
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Examination format

- Mathematics is examined across three papers
- One non-calculator and two calculator papers
- Each lasts for 1 hour and 30 minutes

THINK *SMART* | LOOK *SMART* | BE *SMART*

Maths – Calculators



fx-85GT CW

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Revision Guides

GCSE Maths Edexcel Complete Revision & Practice: Higher inc Online Ed, Videos & Quizzes
The all-in-one guide!

Jump To:

[Cover](#) | [Contents](#) | [Sample Pages](#) | [Back Cover](#)

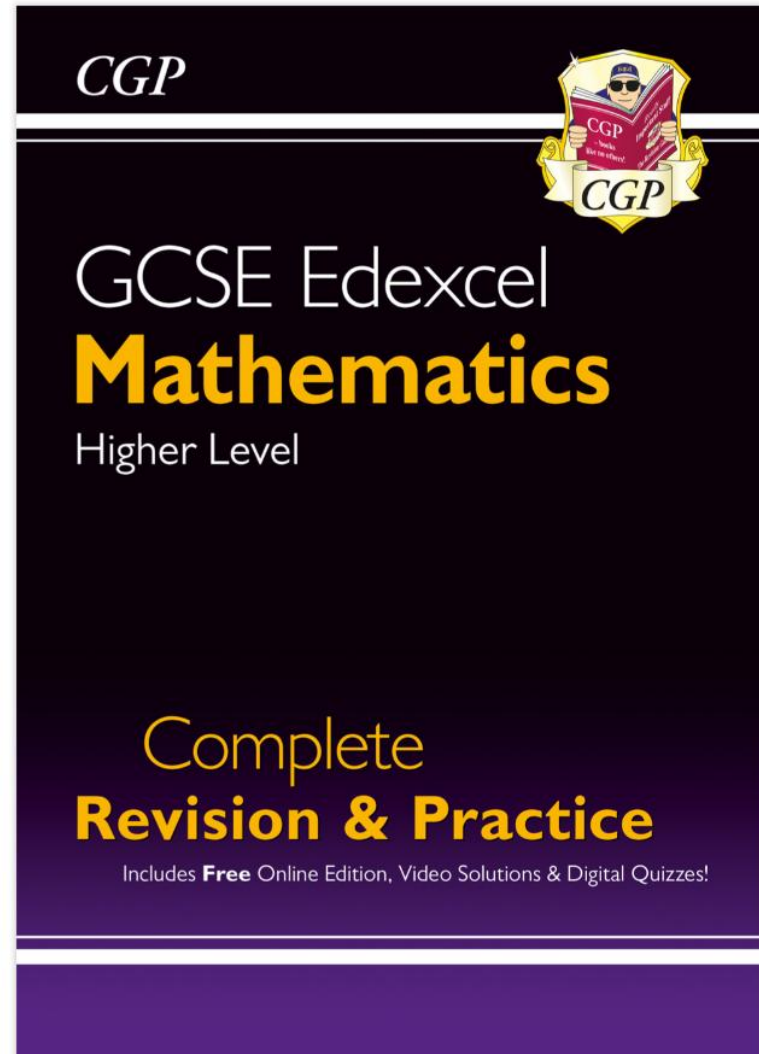
In stock

Retail Price: £11.99

School Price: **£6.00**

1

Add to Basket



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