

Year 11 Reaching for Success

Presenters this evening:

- Mr Sykes, Faculty Leader for Science
- Mrs Dunne, Assistant Headteacher and Faculty Leader for English
- Mr Hill, Assistant Headteacher and Faculty Leader for Maths



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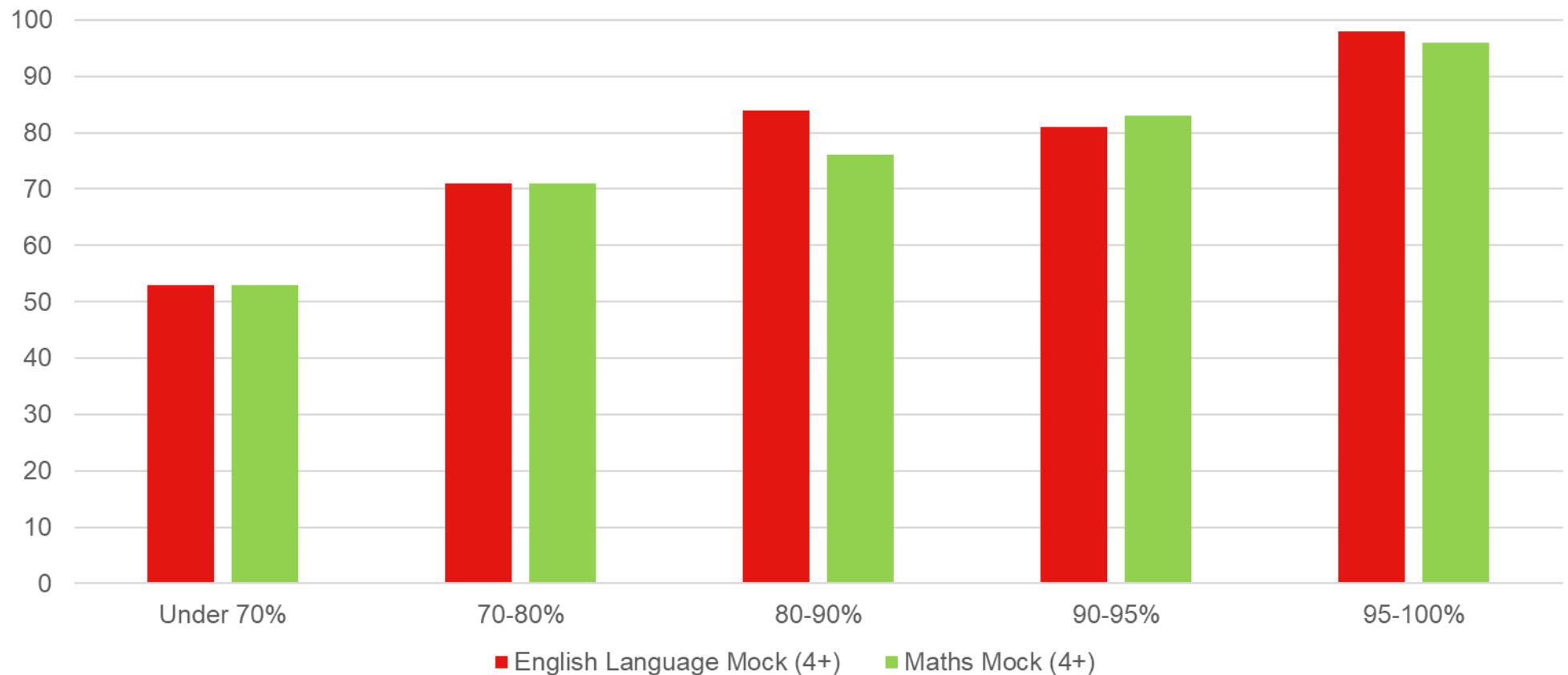


www.harrogategrammar.co.uk



Attendance Vs Attainment

Graph of attendance vs % achieving Grade 4 in GCSEs last year



Creating The Right Conditions

- Tidy desk
- Quiet space
- Distraction free



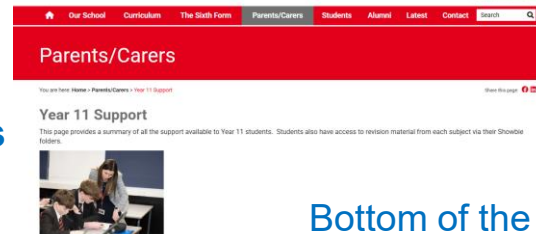
Revision – to see
again

Selecting the Right Strategies

- | | |
|---|-----------------------|
| 1. Reading information in a guide, notes or a website | 1. Quizzing |
| 2. Watching a video clip | 2. Power of images |
| 3. Copying out information or diagrams | 3. Brain 'dump' |
| 4. Highlighting a guide or notes | 4. Self-explanation |
| | 5. Practice Questions |

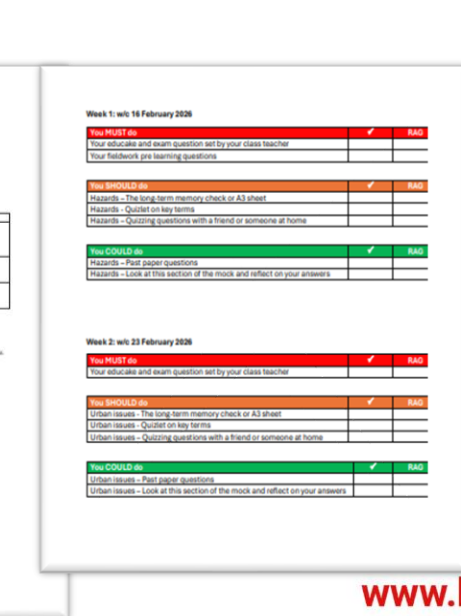
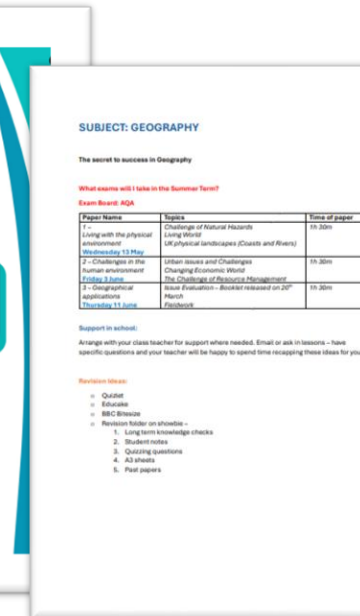
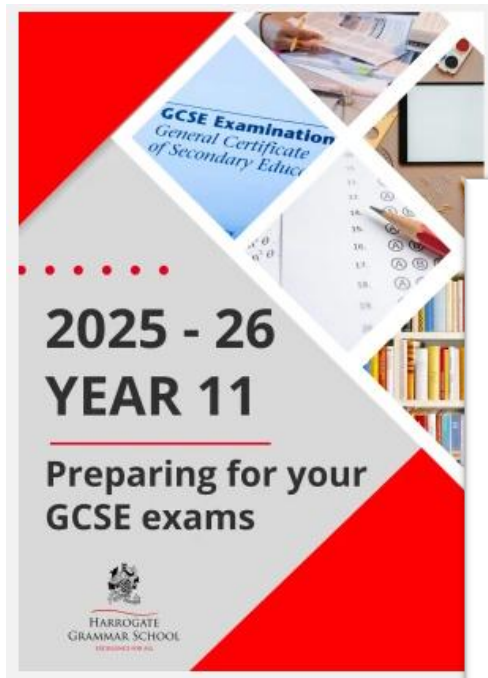
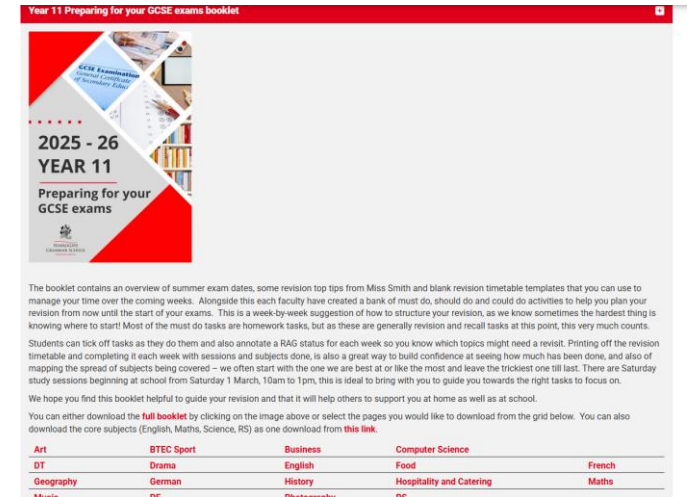
Preparing for your Exams - Year 11 Support Booklet

How to access



Bottom of the page – click on this

Year 11 Preparing for your GCSE exams booklet





Revision Planner *SAMPLE*

Plan your revision in 25-minute segments with a 5 minute break. Remember to add in time for your hobbies/sports, time to eat and rest each day.

WEEK:

WEEK:	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		SATURDAY	SUNDAY
09:00-15:30	School					MORNING	Meet friends	Gym
15:30-16:00	Travel home							
16:00-16:30	Swimming	Home learning	Meet friends	Football	Meet friends			
16:30-17:00								
17:00-17:30	English – Lit – Jekyll&Hyde	Geography – Urban Issues	Have tea	Home learning	Home learning	AFTERNOON	Includes 5min break 1-2pm - English Lang P1 Q5 2-2.45pm Maths - Ratios	1-1.25pm Science Biology - Organisation 1.30-1.55pm Science Chemistry - Bonding 2-2.25pm Science Physics - Electricity
17:30-18:00	Have tea	Have tea	Biology – Cells	Have tea	Have tea			
18:00-18:30	Maths – Number	Languages - Families	Chemistry – Energy changes	Business – Theme 1.1	Free time			
18:30-19:00	Maths - Algebra	Meet friends	Physics - Forces	RS – Islam Beliefs				
19:00-19:30						EVENING	Relax with family	Home learning
19:30-20:00								
20:00-20:30								
20:30-21:00								

Tips – tick each session once completed, make sure all subjects are covered, add in the specific topic area for each session

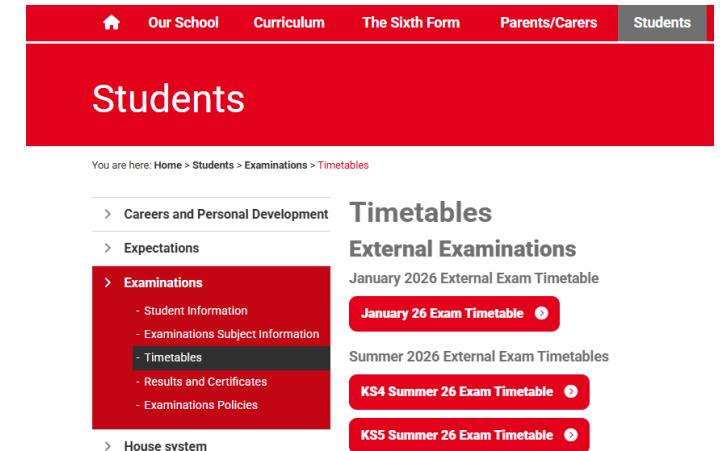
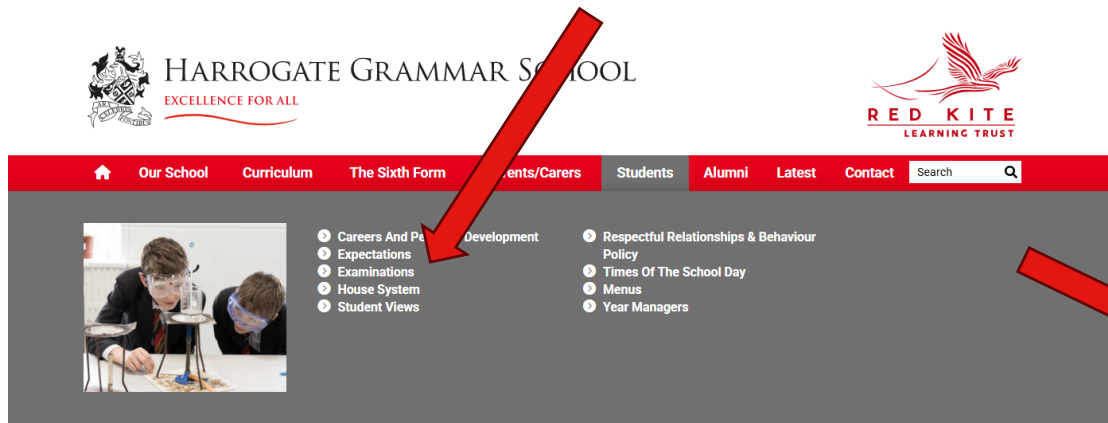
Blank Revision Planners: Term Time

Holiday/Study Period

Summer Exam Timetable now live

Available via the HGS website

- Home Page
- Click on Students
- Click on Examinations
- Scroll down to Timetables



Saturday School & Easter Revision

Saturday School

- 3 hours of independent silent study with no distractions
- Sessions offered free of charge
- 10am to 1pm
 - Saturday 7 March
 - Saturday 14 March
 - Saturday 21 March
 - Saturday 18 April
 - Saturday 25 April
 - Saturday 2 May
 - Saturday 9 May

Easter Revision

- Face to face (2hr) and online (1hr) sessions planned over Easter break
- Sessions priced at £10 (face to face) and £5 (online) to help cover teacher costs

How to sign up

Arbor Parent App

- Saturday revision – via Clubs section
- Easter revision – via Trips section





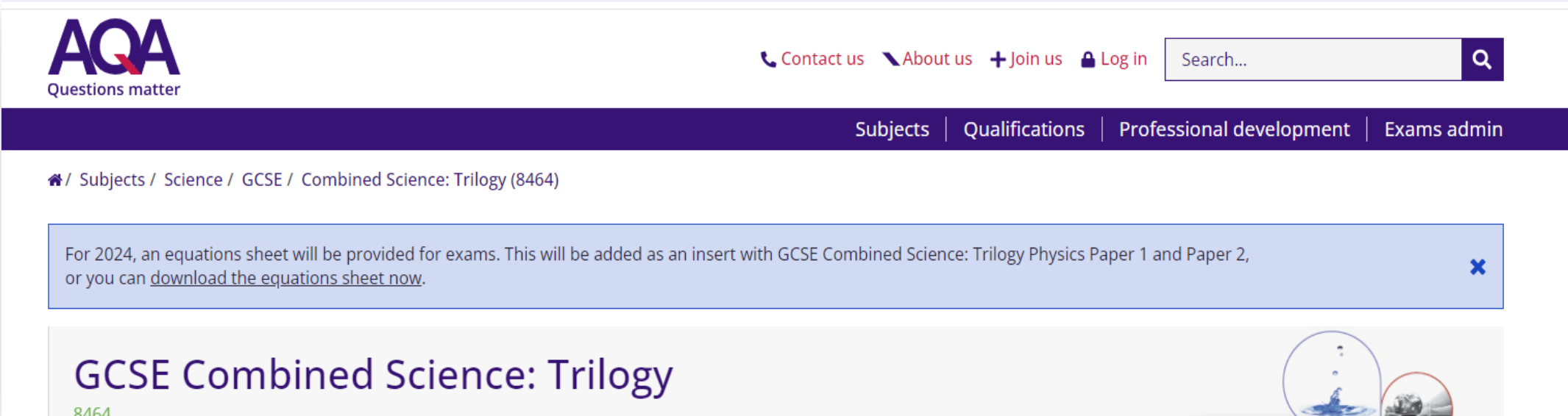
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Science Revision



Where to find more information?

AQA Website



The screenshot shows the AQA website header with the logo "AQA Questions matter" and navigation links: "Contact us", "About us", "Join us", and "Log in". A search bar is also present. Below the header is a purple navigation bar with links: "Subjects", "Qualifications", "Professional development", and "Exams admin". The main content area shows a breadcrumb trail: "Home / Subjects / Science / GCSE / Combined Science: Trilogy (8464)". A blue notification box states: "For 2024, an equations sheet will be provided for exams. This will be added as an insert with GCSE Combined Science: Trilogy Physics Paper 1 and Paper 2, or you can [download the equations sheet now](#)." Below this is a section for "GCSE Combined Science: Trilogy" with the code "8464".

Showbie



Paper 1 Revision
4 assignments



Paper 2 Revision
no assignments

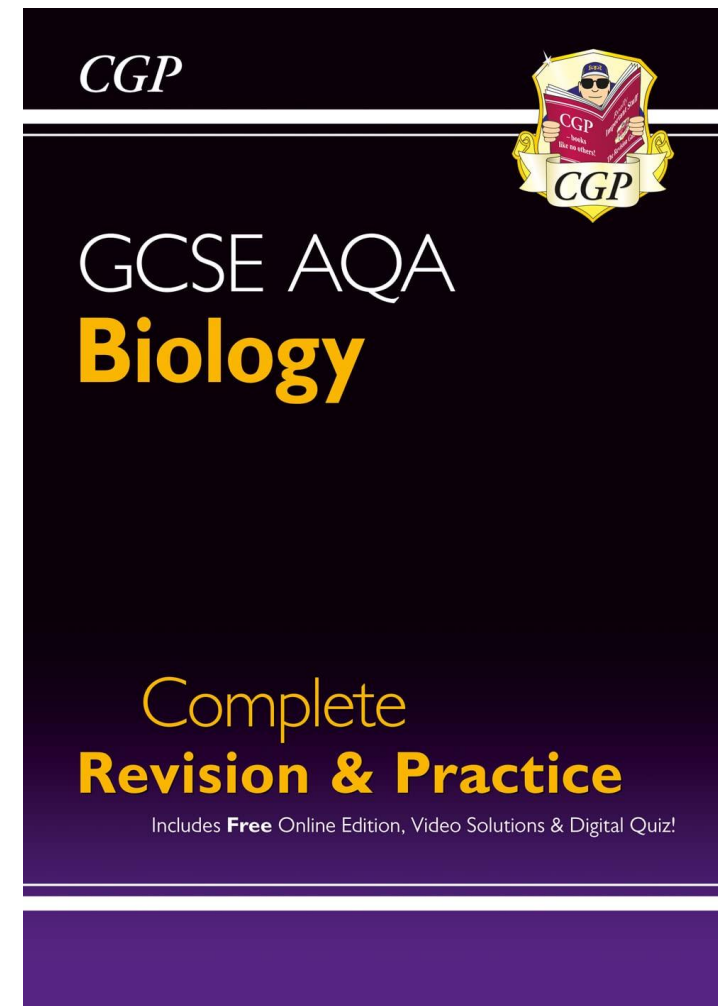
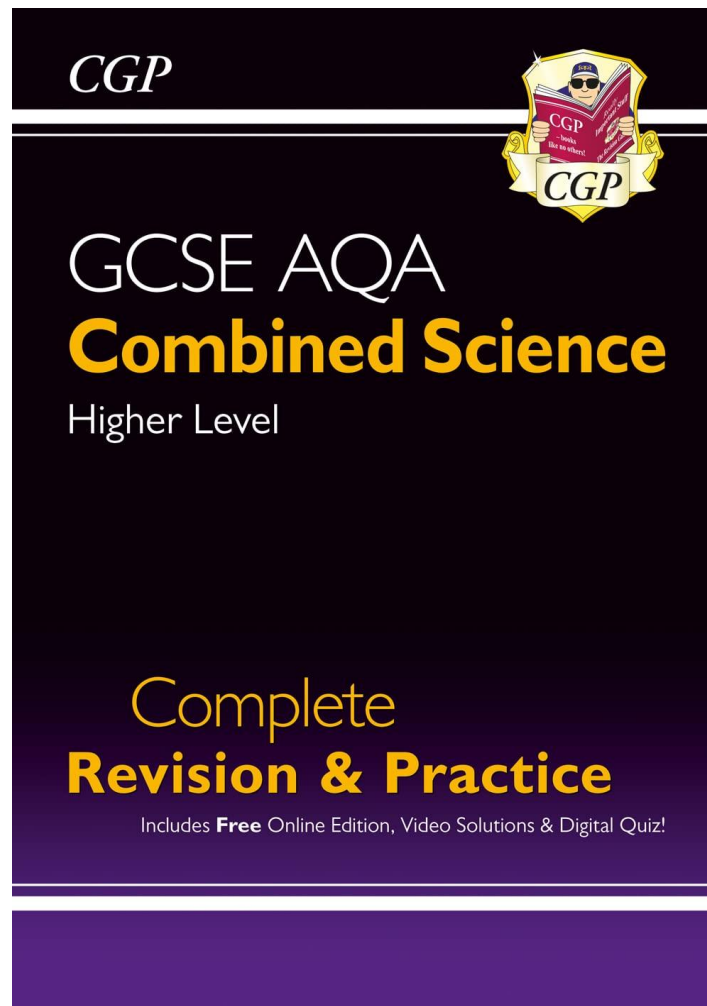




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How to revise?

Recommended
revision guides.



Support Sessions



- Science Masterclasses – One released each week for Combined and Triple Science. More information on the email sent directly to the students.
- Monday lunch - Practical Revision in A16.
- Monday after school - Biology revision in A15.
- Wednesday P6 - Physics revision in A16.
- Thursday Week A and Friday Week B lunch time - Chemistry revision in A30.



Yr 11 Support
Session

Check
attendance using
class charts.

Masterclasses


Physics – Hooke's Law and Elastic Potential Energy

Starter Task - Complete worksheet 01 Starter Questions using Work sheet 0 Equation Sheet

Use the equation sheet to help you complete the questions below.

1. What is the equation linking spring constant, force and extension.
2. Find the force required to stretch a spring 0.7 m. If the spring constant is 40 N/m.
3. Find the extension if a 200 N force is applied to a spring of spring constant 40N/m.
4. What is the equation linking spring constant, elastic potential energy and extension?
5. Find the elastic potential energy when a spring with a spring constant of 10 N/m is extended by 0.90 m.

HGS Students join the showbie group


showbie

Crawshaw, Temple Moor, TLA and Rossett students follow the link on One Drive

AQA

Physics Equations Sheet
GCSE Physics (8463)
FOR USE IN JUNE 2024 ONLY

HT = Higher Tier only equations

kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$	$E_k = \frac{1}{2} m v^2$
elastic potential energy = $0.5 \times \text{spring constant} \times (\text{extension})^2$	$E_e = \frac{1}{2} k x^2$
gravitational potential energy = $\text{mass} \times \text{gravitational field strength} \times \text{height}$	$E_p = m g h$
change in thermal energy = $\text{mass} \times \text{specific heat capacity} \times \text{temperature change}$	$\Delta E = mc \Delta \theta$

00:00:34
00:32:51

Hookes Law + EPE Video

- Each week students will receive an email with instructions for the Masterclass.
- Students should watch the video whilst completing work in Showbe.
- Students can pause the video whilst they complete the tasks.

Masterclasses

Physics – Hooke's Law and Elastic Potential Energy

Starter Task - Complete worksheet 01 Starter Questions using Work sheet 0 Equation Sheet

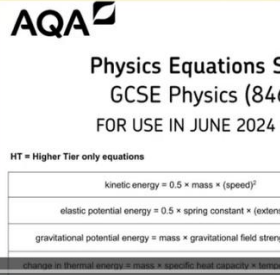
Use the equation sheet to help you complete the questions below

- What is the equation linking spring constant, force and extension.
- Find the force required to stretch a spring 0.7 m. If the spring constant is 40 N/m.
- Find the extension if a 200 N force is applied to a spring with a spring constant 40N/m.
- What is the equation linking spring constant, elastic potential energy and extension?
- Find the elastic potential energy when a spring with a spring constant of 10 N/m is extended by 0.90 m.

Video Link

https://rkl-my.sharepoint.com/:v/g/personal/sykesr_hgs_rklt_co_uk/IQD_uByGdrHTR6GQBRQcaXUqAfqX7r3VDCsw02P7aGA3M4A?nav=eyJyZWZlcnJhbEluZm8iOnsicmVmZXJyYWxBcHAI0iJPbmVEcmI2ZUJmVZvckJ1c2luZXNzIiwicmVmZXJyYWxBcHBQbGF0Zm9ybSI6IldlYiIsInJlZmVycmFsTW9kZSI6InZpZXciLCJyZWZlcnJhbFZpZXciOiJNeUZpbGVzTGlua0NvcHkiX0&e=DuaGT3

Resource	Access
0 Equation Sheet	→ Everyone Jan 25 8:55pm
01 Starter Questions	→ Everyone Jan 25 8:55pm
02 Hooke's Law Questions	→ Everyone Jan 25 8:55pm
03 Hooke's Law Answers	→ Everyone Jan 25 8:55pm
04 Elastic Potential Energy Questions	→ Everyone Jan 25 8:55pm



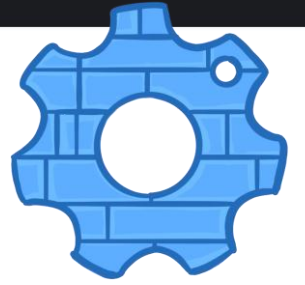
AQA
Physics Equations Sheet
GCSE Physics (8461)
FOR USE IN JUNE 2024

HT = Higher Tier only equations

kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$
elastic potential energy = $0.5 \times \text{spring constant} \times (\text{extension})^2$
gravitational potential energy = $\text{mass} \times \text{gravitational field strength}$
change in thermal energy = $\text{mass} \times \text{specific heat capacity} \times \text{temperature change}$

- Students can access this through Showbie without using the email. The Showbie code is ZRT9J.
- The group is called 25/26 Y11 Science Revision RCS
- The video recording and all the resources are clearly labelled in Showbie.


How to revise?



Cognito

Cognito - Learn
GCSE Maths,
Biology, Physics
and Chemistry
(cognitoedu.org)

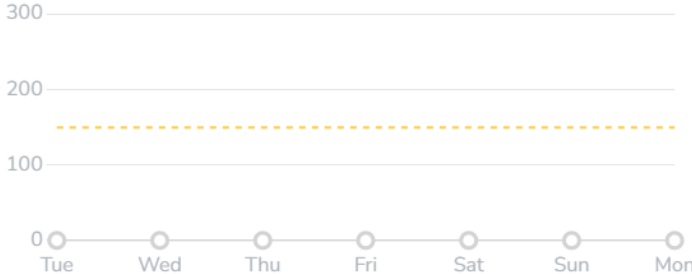
Daily Goal 150 XP




0 / 150 XP

Current Streak: 0 days


Daily Goal Tracker



Tue Wed Thu Fri Sat Sun Mon



Biology
No Course Selected [\(select\)](#)



Chemistry
No Course Selected [\(select\)](#)

Lessons

Quiz

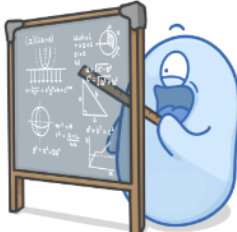
Flashcards

Exam-style Qs by Topic

Past Exam Qs by Topic (PDF)

Past Exam Papers (PDF)

Physics
GCSE Physics - AQA Higher Triple [\(change\)](#)



Maths
No Course Selected [\(select\)](#)

How to revise?



Brainscape

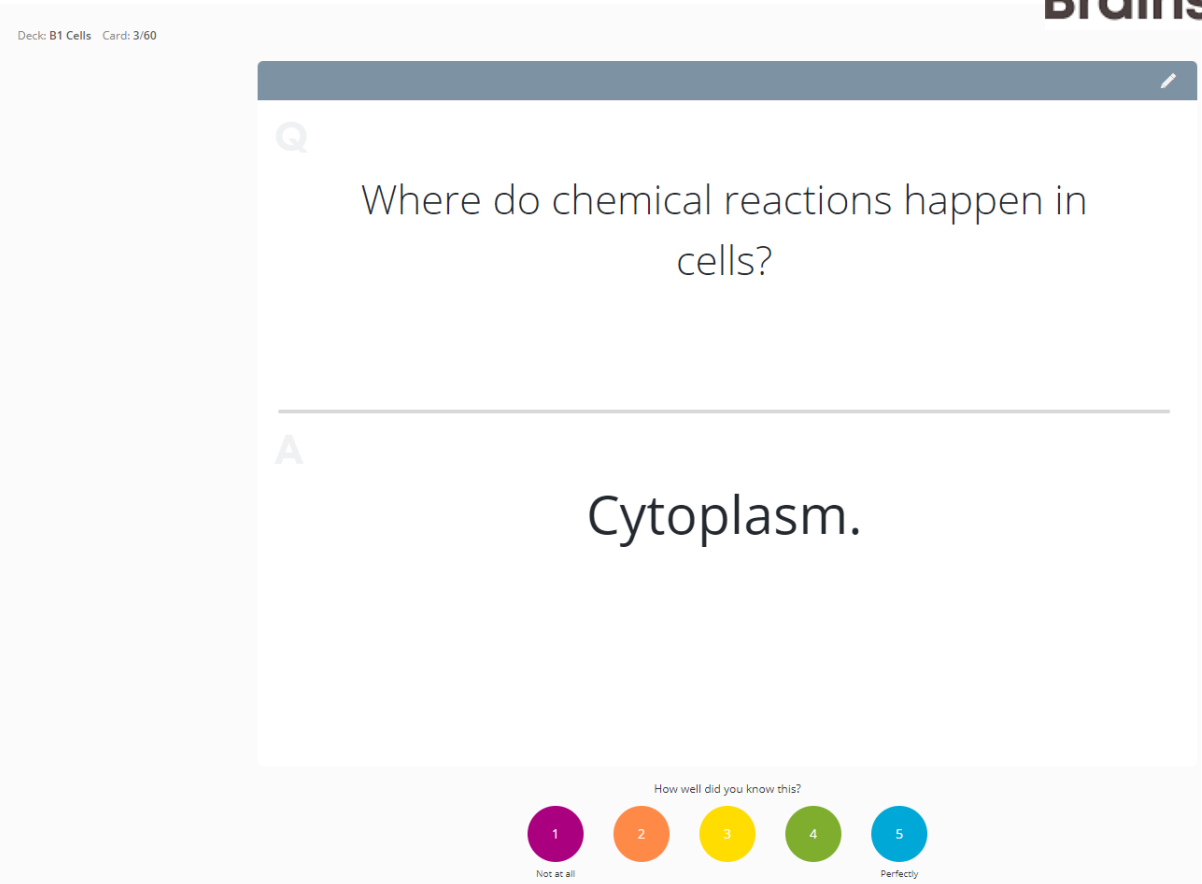
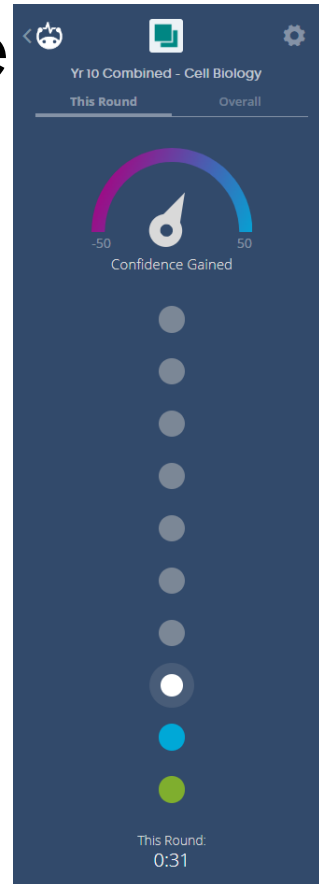
Brainscape

Combined Biology

<https://www.brainscape.com/p/UHX7-LH-CNXTQ>

Triple

<https://www.brainscape.com/p/UHX7-LH-CNXP1>



The screenshot shows the Brainscape web interface. At the top, it says 'Deck: B1 Cells Card: 3/60'. Below this is a question: 'Where do chemical reactions happen in cells?'. The answer is 'Cytoplasm.'. At the bottom, there is a rating section with five colored circles (1 to 5) and the text 'How well did you know this?'. The circles are labeled 'Not at all', '2', '3', '4', and 'Perfectly'.

How to revise? Google Drive




Shared with me > GCSE Science 1-9 > 


Type ▾


People ▾


Modified ▾


Name ↑


 GCSE Astronomy 1-9


 GCSE Biology 1-9


 GCSE Chemistry 1-9


 GCSE Physics 1-9


 Maths Skills for Science


 Science For Society

 1) Past Paper Questions


 2) Physics Equations

 3) Knowledge Maps and Revision PowerPoints


 4) PowerPoints and Worksheets


 5) Physics videos


 6) Physics Homework Plan and Homework Booklets



 Old Specification GCSE Physics


 Physics Stretch & Challenge

 Recovery Curriculum


 Revision Sessions


 End of year 9 revision PHYSICS booklet (002).docx



 Quizlets 



 Y11 Combined Foundation SPM1 Assessment MS.docx



Name ↑



 Answers

 ConservationanddissipationofEnergy.pdf 

 EnergyChangesinaSystem 

 EnergyChangesinaSystem.pdf 

 Methodsofgeneratingelectricity1.pdf 

 Methodsofgeneratingelectricity2.pdf 

<https://drive.google.com/drive/folders/0B2h98W2gK1SYRUhKVXJtMWpsSGc?resourcekey=0-PoPdiGjuXE4YhzU59-Dz6Q&usp=sharing>

Making the most of Exam Questions

- Attempt the exam questions without notes or other resources first.
- If they are difficult use notes or other resources to help. Remember to retest on these afterwards.
- If they are still difficult use the mark schemes to support. Remember to retest on these afterwards.
- If the mark schemes don't make sense, ask a teacher.



**You can't revise for
English!**

**Oh, Yes you
can!**



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English
Language

English
Literature

English Language
Spoken Presentation
Endorsement





Week 2: w/c 24 February 2025 – Focus is 'Animal Farm'

You MUST do	✓	RAG
Complete the 'Animal Farm' home revision tasks set in Arbor.		
Complete the 5-a-day starter revision questions in every lesson.		
Respond to <u>green-pen</u> marking and any live and verbal feedback given in lesson.		

You SHOULD do	✓	RAG
Attend the visit to see Animal Farm in production at Leeds Playhouse.		
Watch the Masterclass and complete the accompanying revision questions.		
Make flash cards/quote explosions for key quotations for characters and themes.		
Visit BBC Bitesize and take the plot, themes, context and character quizzes https://www.bbc.co.uk/bitesize/topics/zqp86fr		

You COULD do	✓	RAG
Choose four activities to complete from the How <u>To</u> Revise Guide shared with you in Showbie. Use the Bingo squares and tick them off when completed.		
Answer a past paper question and have it marked in ChatGPT.		

BBC iPlayer - 'Jekyll and Hyde'

- The story is read by Reece Shearsmith, he's excellent and really helps you understand the characters.

<https://www.bbc.co.uk/programmes/m0027pdf>

- It was followed by Ian Rankin documentary

<https://www.bbc.co.uk/programmes/b007qyzv>



Revision plan in lessons:

- Week 1 – Mocks. Revise Language paper 2.
 - Week 2 – Mocks. Language paper 1 Q4 and 5.
 - Week 3 – 'Macbeth' feedback and revision.
 - Week 4 - 'Jekyll and Hyde' feedback and revision.
 - Week 5 – Language Paper 2 feedback and revision Q4 and 5.
-
- *EASTER Revision sessions offered.*
-
- Week 1 – Poetry Anthology revision.
 - Week 2 – 'Animal Farm' Revision
 - Week 3 - Unseen Poetry and Poetry Comparison revision.
 - Week 4 – teacher choice knowledge checks and past questions.
 - Week 5 – teacher choice knowledge checks and past questions.

Support in school:

- Drop-in revision session – Tuesday lunchtimes – A48 – all students can attend.
- Tuesday Big Picture Intervention – Invitation attendance.
- Wednesday P6 – Invitation attendance.
- Masterclasses for home learning.
- Saturday afternoon revision sessions – Invitation attendance.

Revision Ideas:

- Use the How to Revise Guide shared with you in Showbie.
- This folder contains the guide which gives you short independent revision tasks to complete for both Language and Literature. There are also links to Youtube English teacher videos for each question and literature text. There are also links to BBC Bitesize.
- The use of AI to self-mark practice questions.



English Language Revision Bingo - Knowledge & Application

Watch a <u>youtube</u> clip of an English teacher focusing on a specific question and make a list of the top 5 pieces of advice given.	EMC Language revision booklet pg6 & 7– complete a <u>paper 1 Q2</u> under timed conditions (10 mins)	Write down the timings for each question for each paper on a flashcard.	Read the beginning of a fiction novel and identify 6 features of descriptive language being used.
EMC Language revision booklet pg10-15) - complete a <u>paper 2 Q2</u> under timed conditions (10 mins)	Find your own article in a newspaper or online news website – identify the viewpoint of the article – find evidence which shows this viewpoint.	EMC Language revision booklet pg6 & 7– complete a <u>paper 1 Q3</u> under timed conditions (10 mins)	Complete an activity from pages 30 & 31 of the EMC Language revision booklet focusing on writing descriptively.
Read the model answer to <u>paper 2 Q2</u> and compare it your answer on <u>pg 49</u> of the EMC Language booklet.	Watch a BBC Bitesize video and take the spelling test: Spelling strategies - Spelling - AQA - GCSE English Language Revision - AQA - BBC Bitesize	Read the model answer to <u>paper 1 Q3</u> and compare it your answer on <u>pg 41</u> of the EMC Language booklet.	Complete an activity from pages 20, 21, 22 or 23 of the EMC Language revision <u>booklet</u> focusing on improving analysis and inference.
EMC Language revision booklet <u>pg 16</u> – plan a response to <u>paper 2 Q5</u> under timed conditions (10 mins)	Make a mind-map of the key features of writing to argue.	Watch a video of a famous speech and identify 6 rhetorical features used.	EMC Language revision booklet <u>pg 9</u> – plan a response to <u>paper 1 Q5</u> under timed conditions (10 mins)



English Language Revision Bingo – Knowledge & Application

Watch a youtube clip of an English teacher focusing on a specific question and make a list of the top 5 pieces of advice given.	EMC Language revision booklet pg6 & 7– complete a <u>paper 1 Q2</u> under timed conditions (10 mins)	Write down the timings for each question for each paper on a flashcard.	Read the beginning of a fiction novel and identify 6 features of descriptive language being used.
EMC Language revision booklet pg10-15) - complete a <u>paper 2 Q2</u> under timed conditions (10 mins)	Find your own article in a newspaper or online news website – identify the viewpoint of the article – find evidence which shows this viewpoint.	EMC Language revision booklet pg6 & 7– complete a <u>paper 1 Q3</u> under timed conditions (10 mins)	Complete an activity from pages 30 & 31 of the EMC Language revision booklet focusing on writing descriptively.
Read the model answer to <u>paper 2 Q2</u> and compare it your answer (on pg 49 of the EMC Language booklet).	Watch a BBC Bitesize video and take the spelling test: Spelling strategies - Spelling - AQA - GCSE English Language Revision - AQA - BBC Bitesize	Read the model answer to <u>paper 1 Q3</u> and compare it your answer (on pg 41 of the EMC Language booklet).	Complete an activity from pages 20, 21, 22 or 23 of the EMC Language revision booklet focusing on improving analysis and inference.
EMC Language revision booklet pg 16 – plan a response to <u>paper 2 Q5</u> under timed conditions (10 mins)	Make a mind-map of the key features of writing to argue.	Watch a video of a famous speech and identify 6 rhetorical features used.	EMC Language revision booklet pg 9 – plan a response to <u>paper 1 Q5</u> under timed conditions (10 mins) Use pg 34/35 to help.
EMC Language revision booklet pg 16– write a response to <u>paper 2 Q5</u> under timed conditions (35 mins)	Watch a BBC Bitesize video and take the punctuation test: Punctuating sentences - Punctuation - AQA - GCSE English Language Revision - AQA - BBC Bitesize	Make mind-map of the key features of writing to describe.	EMC Language revision booklet pg 9 – write a response to <u>paper 1 Q5</u> under timed conditions (35 mins)
Read the model answer to <u>paper 2 Q5</u> and compare it your answer (on pg51 of the EMC Language booklet).	EMC Language revision booklet pg15 – write a response to <u>paper 2 Q4</u> under timed conditions (25 mins)	Watch a BBC Bitesize video and take the grammar test: Word classes - nouns, pronouns and verbs - Grammar - AQA - GCSE English Language Revision - AQA - BBC Bitesize	Read the model answer to <u>paper 1 Q5</u> and compare it your answer (on pg 44/46 of the EMC Language booklet).
Make flash cards of key descriptive and rhetorical methods.	Read the model answer to <u>paper 2 Q4</u> and compare it your answer (on pg 50 of the EMC Language booklet).	EMC Language revision booklet pg8– write a response to <u>paper 1 Q4</u> under timed conditions (25 mins).	Read the model answer to <u>paper 1 Q4</u> and compare it your answer (on pg 42 of the EMC Language booklet).

Flash cards/Mind maps

“Out damned
spot”



Lady Macbeth

Act 5 Sc1

Metaphor

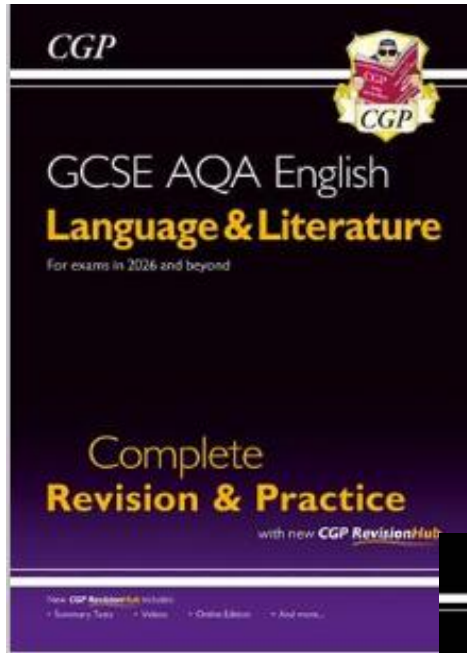
Spot – blood, symbolises guilt. She's hallucinating from the madness of guilt. Changed from start.

Damned – adjective, religiously cursed due to having sinned.

How can you support this revision?

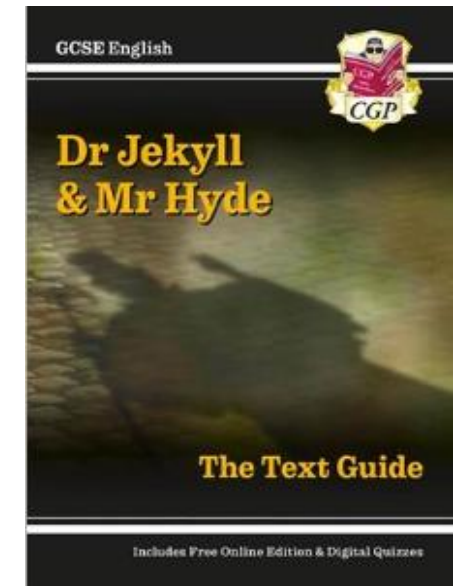
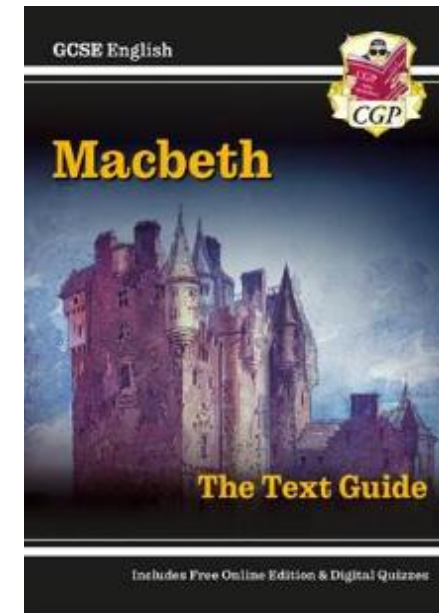
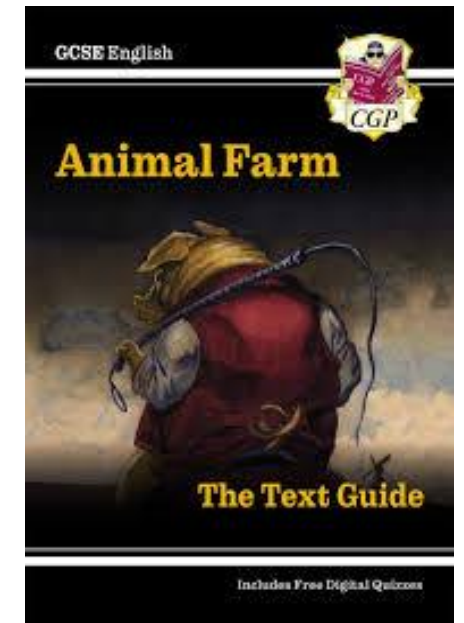
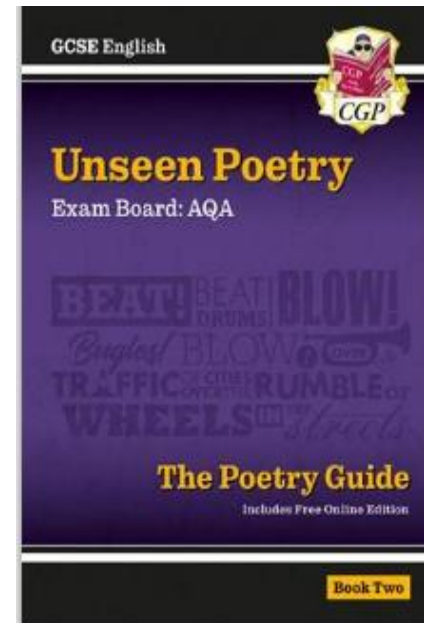
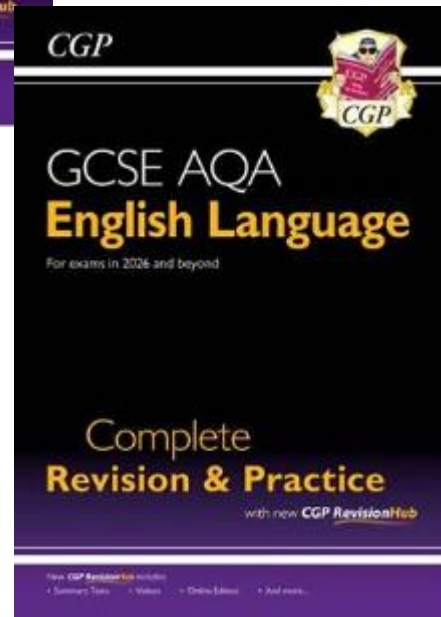
- Check in – support your child by asking them to show you which Revision Bingo tasks they have completed? Are they doing their home learning?
- Ask your child the ‘Big Question’ about their key Literature texts – What is the big message behind this story or poem? What was the writer’s intention?
- Test students - use their flash cards/mind maps to test their knowledge.
- Read an answer – read an answer and check your child’s literacy and quality of communication.
- Encourage students to read – fiction texts and find newspaper/online articles.
- Debate key issues – encourage students to share their viewpoint on current issues.
- Attendance at school and intervention sessions – Tuesday Big Pic, Wednesday P6, Big Lectures home learning, lunchtime LRC private study

■ Revision Guides:



Reputable on-line
revision sources:

- Mr Bruff – Youtube
- BBC Bitesize
- Collins online
- AI Platforms





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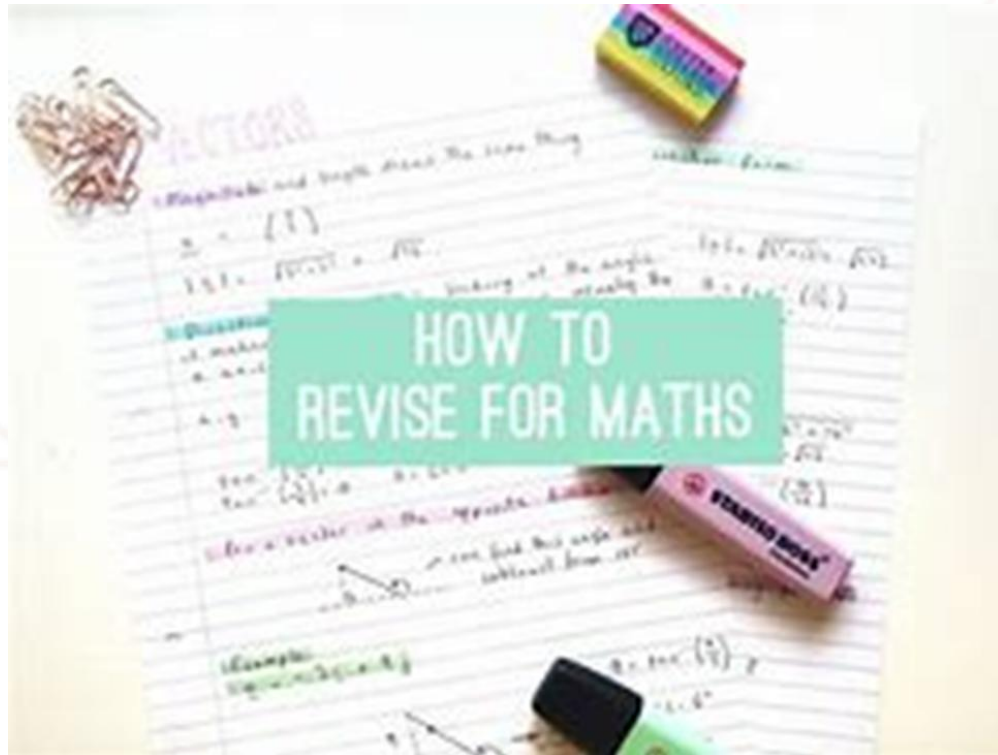
“Start revising
early, do
practice
essays and do
them in timed
conditions!!!”



“Don’t leave everything to the last minute!
For English Literature revise quotations
you need and actively use them in practice
essays. Make mind maps and flashcards of
quotations and stick them up all over the
house, on the fridge, on doors, on mirrors,
in the bathroom (it might annoy your
family but they’ll learn something too).
Even if you hate flash cards, they’ll become
your best friend!”



1. Make flashcards for each character in the text you study and include quotes and beside each quote colour code it to a theme. Create a colour key to show the themes.
2. Similarly with the poems, colour code key themes from quotes from each poem so you know which can be easily compared.
3. For English Language, focus on question 5, 40 marks, and practise with random photos or just write a topic sentence to ensure you can be creative on the spot!



- 1) Preparing for the next mocks
- 2) Preparing for the Summer exams

Revision for Maths Mock Exams

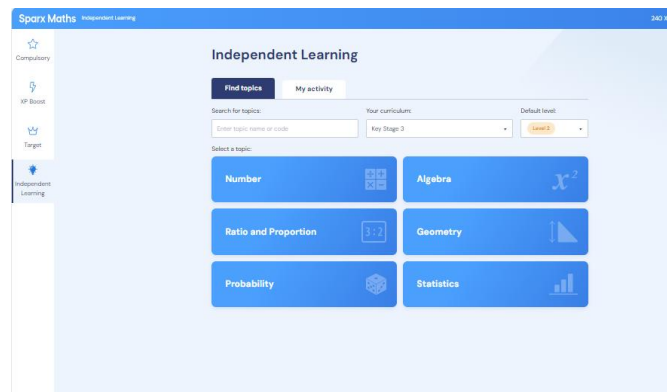
On Arbor, you will find an assignment stating '**Revision for Maths Mock Exams**'. In this assignment, there are the following attachments:

Assignments

Revision for Maths Mock Exams Due Fri, 06 Mar 2026

- **Revision List (Higher)** with Sparx Codes
- **Revision List (Foundation)** with Sparx Codes
- **Revision Resource (Higher)** – a full paper of questions with video solutions
- **Revision Resource (Foundation)** a full paper of questions with video solutions

Revision List (with Sparx codes)



Sparx Maths

Foundation Skills List

Number

Topic	Topic code	R	A	G
Ordering positive integers	U600			
Ordering decimals	U435			
Ordering negative numbers	U947			
Adding and subtracting positive integers	U417			
Multiplying and dividing positive integers	U127, U453			
Adding and subtracting negative numbers	U742			
Multiplying and dividing negative numbers	U548			
Adding and subtracting decimals	U478			
Multiplying and dividing with place value	U735			
Multiplying and dividing with decimals	U293, U868			
Order of operations	U976			
Prime numbers, prime factorisation	U236, U739			
Factors, multiples, HCF and LCM	U211, U751, U529			
Powers and roots	U851			
Using standard form	U330, U534			
Calculating with standard form	U264, U290, U161			
Equivalent fractions and simplifying fractions	U704, U646			
Mixed numbers and improper fractions	U692			
Ordering fractions	U746			
Addition and subtraction of fractions	U736, U793			
Multiplication and division of fractions	U475, U544			
Converting and ordering fractions, decimals and percentages	U888, U594			
Fractions of amounts	U881, U916			
Percentages of amounts	U554, U349			
Percentage change	U773, U671			
Reverse percentages	U286, U278			
Simple interest	U533			
Rounding	U480, U298			
Rounding to significant figures	U731, U965			
Estimating answers	U225			
Value for money	M681			

Sparx Maths

Foundation Skills List

Algebra

Topic	Topic code	R	A	G
Algebraic expressions	U613			
Collecting like terms	U105			
Substitution	U201, U585, U144			
Expanding brackets	U179, U768			
Factorising expressions	U365			
Index laws	U235, U694, U662, U103			
Changing the subject	U556			
Coordinates	U789, U889			
Midpoints	U933			
Plotting straight line graphs	U741			
Equations of straight line graphs	U315, U669			
Parallel lines	U377			
Distance-time graphs	U403, U914, U462, U966			
Quadratic graphs	U989, U667			
Linear equations	U755, U325, U870, U505, U599			
Quadratic expressions and equations	U178, U228			
Linear sequences	U213, U530, U498, U978			
Other sequences	U958, U680			

Ratio and proportion

Topic	Topic code	R	A	G
Simplifying ratios	U687			
Sharing amounts in a ratio	U753, U577			
Converting between ratios, fractions and percentages	U176			
Direct proportion	U721, U640			
Inverse proportion	U357, U364			
Proportion graphs	U238			
Units of measure: Length, Mass and Capacity	U102, U388			
Units of measure: Time	U902			
Units of measure: Area	U248			
Currency conversion	U610			
Conversion graphs	U652, U638, U862			
Compound units: Speed	U151			

- Type the Sparx code into 'Independent Learning' - this gives your child access to videos and practice questions on the topic.

- If you are **HIGHER tier** - you need to revise from BOTH the HIGHER and FOUNDATION lists, as content from both tiers can appear on your papers.

- If you are **FOUNDATION tier** - you need to revise from ONLY the FOUNDATION list.

- Note – Higher tier – there is no Vectors on this upcoming mocks. However, the topic will appear in the real exam.

www.harrogategrammar.co.uk

Revision Resource



Video Solutions



SCAN ME

1	Ordering integers and decimals		27	Time Calculations	
2	Rounding		28	Coordinates	
3	Indices		29	Pictograms	
4	Metric Unit Conversions		30	Probability	
5	Place Value		31	Use of a Calculator	
6	Term-to-term sequences		32	Fraction Operations	
7	Primes, Squares, Factors, Multiples		33	Two-Way Tables	
8	Expanding Single Brackets		34	Currency Conversions	
9	Fraction of an Amount		35	Cube Numbers	
10	Fractions, Decimals, Percentages		36	Faces, Edges, Vertices, Plans/Elevations	
11	Order of Operations (BIDMAS)		37	Factorising, Solving Equations and Inequalities, Inequality Diagrams	
12	Simplifying Algebraic Terms		38	Angle Facts	
13	Area/Perimeter of Rectangles		39	Decrease by a Percentage	
14	The Probability Scale		40	Area of Triangle/Parallelogram	
15	Percentage of an Amount		41	Ordering Fractions	
16	Money Calculations		42	Area/Circumference of Circles	
17	Measuring Lines and Angles		43	Index Laws (Multiplication/Division)	
18	Write as a Fraction/Ratio/Percentage		44	Parts of a Circle	
19	Negative Numbers		45	Conversion Graphs	
20	Relating Ratio to Fractions		46	Interpreting Charts	
21	Number Machines		47	Stem and Leaf Diagrams	
22	Averages from a List		48	Drawing Pie Charts	
23	Drawing Bar Charts		49	Maps/Scales and Bearings	
24	Solving one step Equations		50	Frequency Trees	
25	Listing Outcomes/Combinations		51	Units Conversions	
26	Symmetry				

- Your child has access to a full paper of questions – literally **"one question on every topic"**!

- There are also **video solutions** (scan the QR code to access these).

Use these, alongside other materials we have provided you this year!

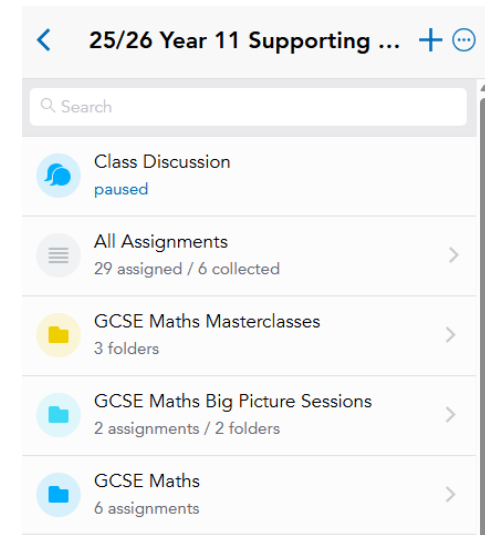
These include:

- **Masterclass Recordings**

These are on Showbie in 'Y11 Supporting Success' – 'GCSE Maths Masterclasses' – click the link to request access, and I will then approve this. Your child will receive an email to tell them this has been done for them.

- **Past Staples papers**

These are in your class Showbie folder – your child has full papers and model solutions.



ONLINE MASTERCLASSES

Masterclasses:

Mondays – 5:00-5:45pm (Higher Tier)

Wednesdays – 4:00-4:45pm (Higher Tier)

Wednesdays – 5:00-5:45pm (Foundation Tier)

Online masterclasses (via Teams) take place each week. The session topics are based on weak areas from the year group.

Sessions are recorded and uploaded to Showbie – **Y11 Supporting Success**

Wednesday Lesson 6 – weekly drop in for students to complete past paper questions (perfect opportunity for your child if they have not been invited to Tuesday Big Picture sessions).

Use these, alongside other materials we have provided you this year!

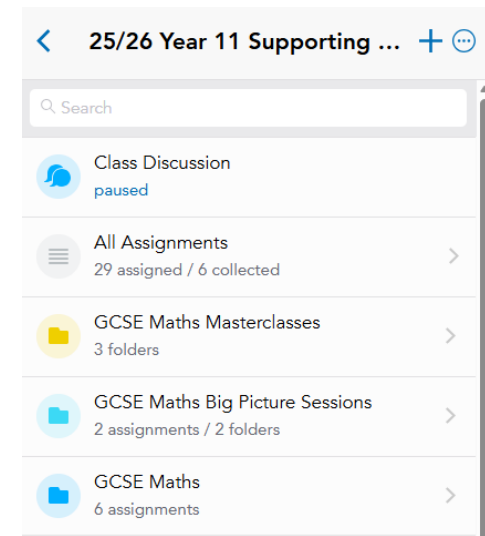
These include:

- **Masterclass Recordings**

These are on Showbie in 'Y11 Supporting Success' – 'GCSE Maths Masterclasses' – click the link to request access, and I will then approve this. Your child will receive an email to tell them this has been done for them.

- **Past Staples papers**

These are in your class Showbie folder – your child has full papers and model solutions.



STAPLES papers

25 minutes – STAPLES paper.

15 minutes – review of paper.

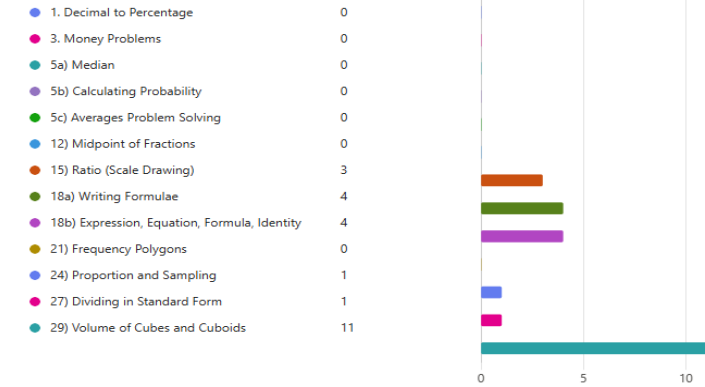
5 minutes – Teachers record scores and areas to develop on a Microsoft Forms.

5 minutes - Students also complete a Staples Progress Sheet.

Your child will complete a STAPLES paper in exam conditions on a **weekly basis**.

- Your child's teacher will model how to achieve each mark – your child will self-assess at the same time.
- Why? Raise your child's **confidence** in completing Maths questions in exam conditions, as well as familiarise your child with Edexcel **exam style questions**.

What single topic do you need to revise, based on Staples today? [Choose one] (0 point)



Staples Progress Sheet			
	Score /30	Topics to Improve	
Week 1	10/30	1.	2.
Week 2	13/30	1. graphs for equations	2. making things subject of formula
Week 3	12/30	1. estimating mean from frequency graph	2. converting standard form
Week 4	14/30	1. multiplying mixed num fractions	2. index laws
Week 5		1.	2.
Week 6		1.	2.
Week 7		1.	2.
Week 8		1.	2.
Week 9		1.	2.
Week 10		1.	2.

“Good work Amelia. Today, you got 31/40 in your STAPLES paper. You have already secured a grade 3. And you have only done half of one paper!”

After the Mocks...

Week 4: w/c 9 March 2026

The compulsory Sparx assignments will be off for students until the end of the mock exams

You MUST do	✓	RAG
Complete this week's Sparx assignment, due Wednesday at 3pm		
Complete this week's past paper set by your teacher		
Finish a Staples paper and self-assess		

You SHOULD do	✓	RAG
Attend this week's online Maths masterclass, or watch the recording		
Attend the drop in on Wednesday during Lesson 6		

You COULD do	✓	RAG
Complete revision on 'Independent Learning' on Sparx – using your personalised QLA from the November mock exams		
Complete revision on 'Independent Learning' on Sparx – using the skills list: Sparx_GCSE_Revision_Foundation.docx Sparx_GCSE_Revision_Higher.docx		

You MUST do	✓	RAG
Complete this week's Sparx assignment, due Wednesday at 3pm		
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You SHOULD do	✓	RAG
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You COULD do	✓	RAG
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Complete revision on 'Independent Learning' on Sparx – using the skills list: Sparx_GCSE_Revision_Foundation.docx		
Sparx_GCSE_Revision_Higher.docx		

You MUST do **SPARX HOMEWORK**

Sparx Maths

- **Compulsory homework** – carefully planned by teachers.
- Set every Wednesday at 3pm, due the following Wednesday at 3pm.
- Teachers have selected topics to support your child with their revision.
- Check your child is doing this each week – offer to help them – build resilience. Aim for 100% completion!

After the Mocks...

Week 4: w/c 9 March 2026

This will
begin from
March 9th

You MUST do	✓	RAG
Complete this week's Sparx assignment, due Wednesday at 3pm		
Complete this week's past paper set by your teacher		
Finish a Staples paper and self-assess		

You SHOULD do	✓	RAG
Attend this week's online Maths masterclass, or watch the recording		
Attend the drop in on Wednesday during Lesson 6		

You COULD do	✓	RAG
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Sparx_GCSE_Revision_Higher.docx		

You SHOULD do INTERVENTION

- If your child has been invited to attend extra Maths sessions during Big Picture on Tuesday mornings, please encourage them to attend.
- Your child is completing past paper questions during these sessions – maximising exposure to exam style questions

In Summary:

Week 4: w/c 9 March 2026

You MUST do	✓	RAG
Complete this week's Sparx assignment, due Wednesday at 3pm		
Complete this week's past paper set by your teacher		
Finish a Staples paper and self-assess		

You SHOULD do	✓	RAG
Attend this week's online Maths masterclass, or watch the recording		
Attend the drop in on Wednesday during Lesson 6		

You COULD do	✓	RAG
Complete revision on 'Independent Learning' on Sparx – using your personalised QLA from the November mock exams		
Complete revision on 'Independent Learning' on Sparx – using the skills list: Sparx_GCSE_Revision_Foundation.docx Sparx_GCSE_Revision_Higher.docx		

Please get in touch if you have any questions



Jason Hill
Assistant Headteacher
Maths

Mr Hill
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HARROGATE
GRAMMAR SCHOOL
EXCELLENCE FOR ALL

The Sixth Form



Next steps

Subject
blocking is
being set

Thursdays
in March:
Coursing
discussions

April Offer
Day

18th June:
Induction
Day

20th
August:
Results
Day &
enrolment

What is the coursing discussion?

- This is not an interview
- A chance to speak to the Sixth Form Team
- We get to learn a little bit about our students
- Discussion about selected courses



How does the coursing discussion work?

- 10 – 15 minute appointment
- Timetabled during school, and visible on Arbor
- Parents to be notified in advance
- Opportunity to contact us afterwards with questions



Something to aim for

Entry requirements:

- 6 GCSE grade 4s, including 4 in English and 4 in Maths
- Subject specific entry requirements

Any questions?

If you have any questions, please email to
mail@hgs.rklt.co.uk

Please include the reference Year 11 Information Evening.