

Language and Literature – Key Info



- Two totally separate GCSEs.
- There is only one tier.
- Since 2017 employers, colleges and Universities **should** see both as equal (This isn't always the case!).
- Course titles / codes:
 - AQA, 8700 – English Language
 - AQA, 8702 – English Literature

CTL – Mr Wilkes



English Language – taught in two lessons a fortnight with one teacher

Paper 1 – ‘Explorations in creative reading and writing’

- Section A - Reading and answering four questions on an extract from an unseen fiction text.
- Section B – Writing. Creating writing choice from description or story task.



Paper 2 – ‘Writers’ viewpoints and perspectives’

- Section A - Reading and answering four questions on two unseen non-fiction texts
- Section B – Writing an non-fiction text (article, letter, etc)

Most questions require a lengthy
Written response

e.g. 1 ½ pages for an 8 mark question.



English Literature – Six lessons a fortnight, with one teacher.

Paper 1 – ‘Shakespeare and the 19th Century novel’ (1 hour, 45 minutes)

Section A – ‘Macbeth’ (Term 3 - Y10)

Section B – ‘A Christmas Carol’ (Term 1 – Y11)

Students are given a short extract from each text in the exam, but also must write about the whole text.



English Literature – Two exams

Paper 2 – ‘Modern Text and Poetry’ (2 hours, 15 minutes)

Section A – ‘An Inspector Calls’ (Terms ½ - Y10)

Section B – ‘Power and Conflict’ anthology poems (Term 1 – Y10)

Section C – Unseen poetry – two questions on 2 poems (Term 1 – Y10)

A - Unlike Paper 1, students do not have an extract from ‘An Inspector Calls’ in the exam.

B – Students write about two poems from the anthology. One is printed in the exam paper, the other students choose and work from memory.

C – Unseen poems printed in the exam paper.

Revision

Students re-visit units and skills within lessons and set as homework tasks.

However, as students need to know the whole Literature texts, revision is ongoing process. Students should be revising skills and texts **as we go through Y10**.

How to revise / homework help.

Revision resources: resources and past papers are now saved on SHAREPOINT. Students will be emailed instructions on how to access. (Guide at end of Powerpoint)

Buying text / revision guides: we will be offering revision guides for sale on the Gateway. I will email parents when they are available.

Sharepoint

THE CORSHAM SCHOOL

Latest News: Welcome to your new school home site 18 September 2023

English Home Site contents Recycle bin Private group 14 members

Sync Add shortcut to OneDrive Pin to Quick access Export to Excel Automate Integrate All Documents

Year 11

Name	Modified	Modified By	Topic	Key Stage	Year
English Language GCSE	3 days ago	Mr Wilkes			
English Literature GCSE	3 days ago	Mr Wilkes			

THE CORSHAM SCHOOL

Latest News: We hope you enjoy your new school home site 1 November 2023

English Private group 15 members

+ New Upload Edit in grid view Share Copy link All Documents

Year 11 > English Literature GCSE

Name	Modified	Modified By	Topic	Key Stage
Paper 1	September 15	Mr Wilkes		
Paper 2	September 15	Mr Wilkes		

FREE - Revision ideas



The English team set homework using Seneca, but students can access tasks themselves.

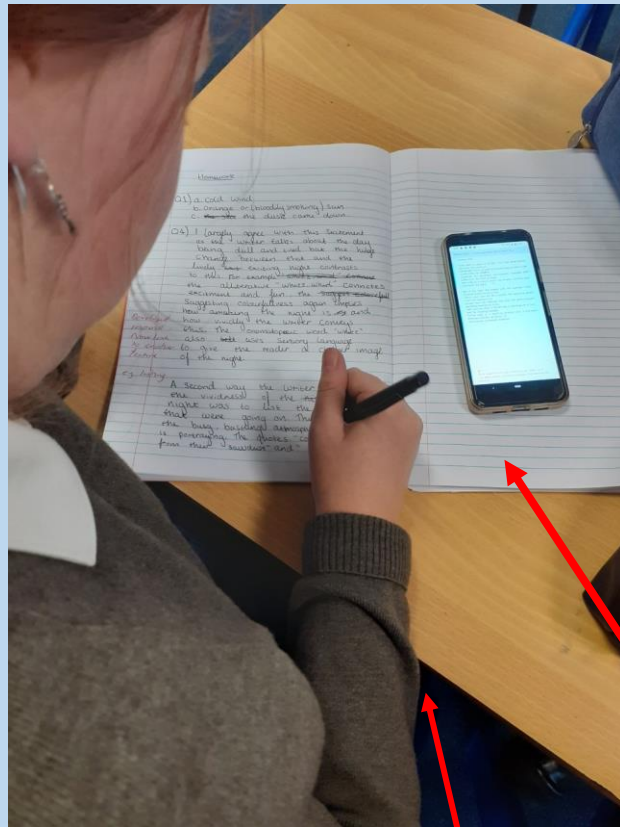


Mr Bruff
free on
youtube.



What should revision look like?

- Past exam papers questions. The more the merrier!
- The more tasks practised the more prepared you will be, with both how to write and structure the essay, as well as knowing the content.
- Other revision tasks are great to help learn / embed knowledge about the Literature texts.
- Revision cards, character notes etc.
- **Knowledge organisers used throughout the course.**











Use of device/ revision resource for exam questions, notes etc.

Student is working on a practice question and responding to teacher feedback.

English – 'Power and Conflict' poetry

Year 10 – Poets / poems term 1

 Percy Shelley: 'Ozymandias'	 Tennyson: 'Charge of the Light Brigade'	 John Agard: 'Checking Out Me History'	 Seamus Heaney: 'Storm on the Island'
 Wilfred Owen: 'Exposure'	 Ted Hughes: 'Bayonet Charge'	 Jane Weir: 'Poppies'	 Simon Armitage: 'Remains'

Section B Poetry: students will answer one comparative question on one named poem printed on the paper and one other poem from their chosen anthology cluster.

**Agard: "Bandage up my eye with me own history
Blind me to my own identity"**

Heaney: "Strange, it is a huge nothing that we fear."

Poetic Techniques

LANGUAGE
Metaphor – comparing one thing to another
Simile – comparing two things with 'like' or 'as'
Personification – giving human qualities to the nonhuman
Imagery – language that makes us imagine a sight (visual), sound (aural), touch (tactile), smell or taste.
Tone – the mood or feeling created in a poem.
Pathetic Fallacy – giving emotion to weather in order to create a mood within a text.

STRUCTURE
Stanza – a group of lines in a poem.
Repetition – repeated words or phrases
Enjambement – a sentence or phrase that runs onto the next line.
Caesura – using punctuation to create pauses or stops.
Juxtaposition – contrasting things placed side by side.
Anaphora – when the first word of a stanza is the same across different stanzas.

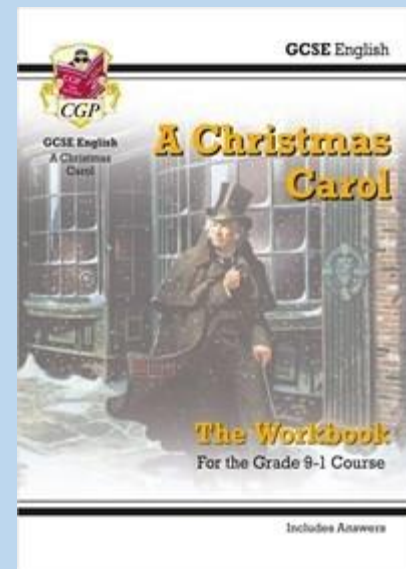
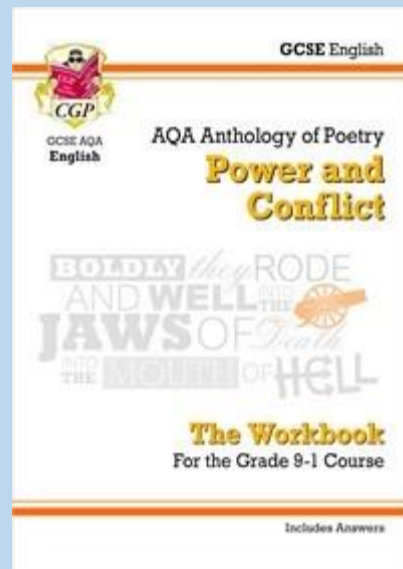
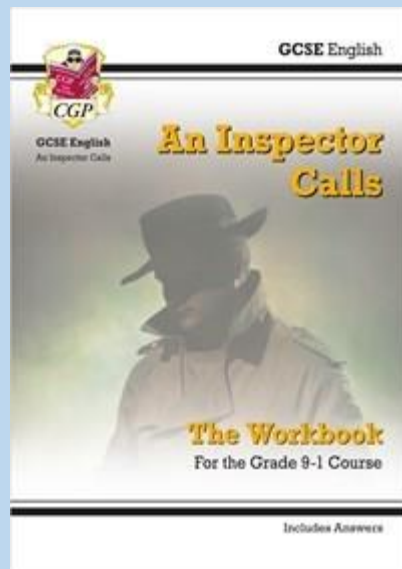
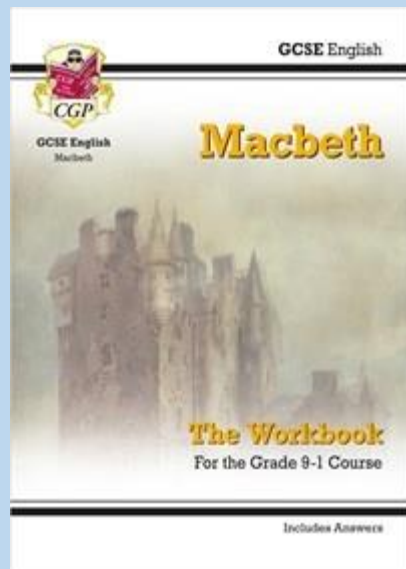
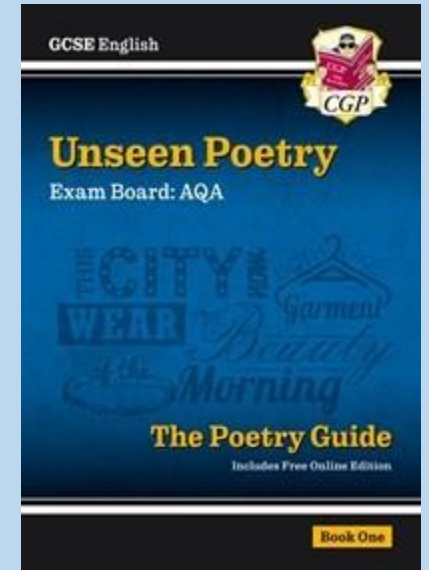
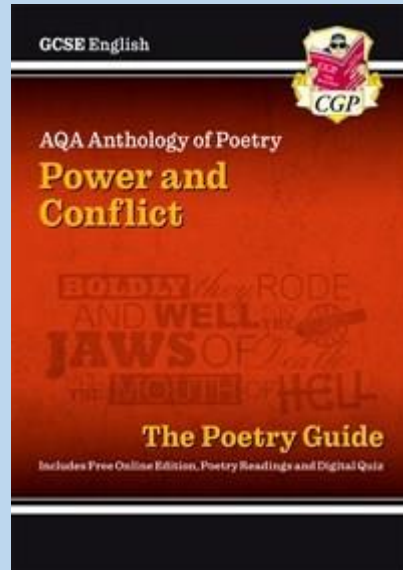
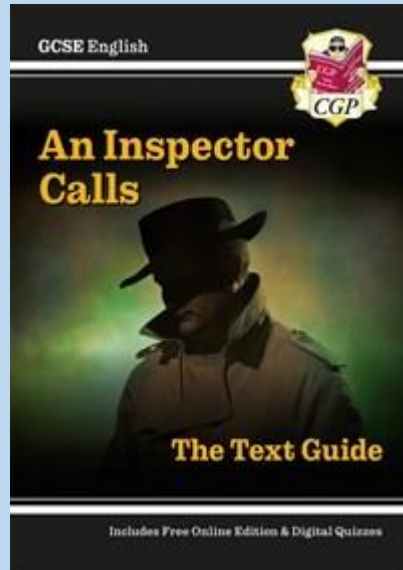
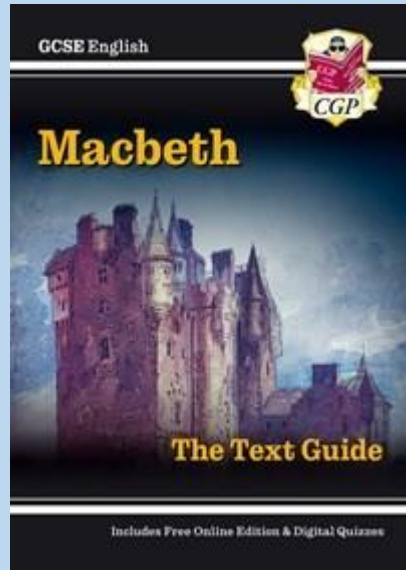
Example question:
Compare how poets present the effects of war in 'Bayonet Charge' and in one other poem from 'Power and conflict' (May 2017)

AQA
Website: <https://www.aqa.org.uk/subjects/english/gcse/english-resource-8702>
CLICK ME

Language for comparison
When poems have similarities
Similarly... / Both poems convey / address...
Both poets explore / present... / This idea is also explored in... / In a similar way... / Likewise...
When poems have differences
Although... / Whereas... / Whilst... / In contrast...
Conversely... / On the other hand...
On the contrary... / Unlike...

Wider Reading and viewing: Mr Bruff
<https://www.youtube.com/watch?v=7M07vc104>
CLICK ME

Bitesize
<https://www.bbc.co.uk/bitesize/topics/tpyyt08>
CLICK ME



Text guides
and work
books.

If you have any questions about
English, email your English
teacher or me (Mr Wilkes):

pwilkes@corsham.wilts.sch.uk



How to help

Calculator

Knowledge Organisers

Seneca

SharePoint

Kerboodle

AQA website – Specification, past papers and mark schemes

YouTube (required practicals, revision videos)

GCSE Mathematics 2025-26

Edexcel 1MA1

The Corsham School

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An overview of Mathematics GCSE

- The assessments will cover the following content headings:
 - 1 Number
 - 2 Algebra
 - 3 Ratio, proportion and rates of change
 - 4 Geometry and measures
 - 5 Probability
 - 6 Statistics
- Two tiers are available: Foundation and Higher (content is defined for each tier).

An overview of Mathematics GCSE

- The qualification consists of three equally-weighted written examination papers at either Foundation tier or Higher tier.
- All three papers must be at the same tier of entry and must be completed in the same assessment series.
- Paper 1 is a non-calculator assessment and a calculator is allowed for Paper 2 and Paper 3.
- Each paper is 1 hour and 30 minutes long.
- Each paper has 80 marks.

An overview of Mathematics GCSE

- Foundation tier: grades 1 to 5.
- Higher tier: grades 4 to 9 (grade 3 allowed).

Tier	Topic area	Weighting
Foundation	Number	22 - 28%
	Algebra	17 - 23%
	Ratio, Proportion and Rates of change	22 - 28%
	Geometry and Measures	12 - 18%
	Statistics & Probability	12 - 18%
Higher	Number	12 - 18%
	Algebra	27 - 33%
	Ratio, Proportion and Rates of change	17 - 23%
	Geometry and Measures	17 - 23%
	Statistics & Probability	12 - 18%



GCSE Scheme of Work

Year	Term	Topic
Year 10	Term 1 & 2	Congruence, similarity and Enlargement
	Term 3 & 4	Angles
	Term 5 & 6	Collecting, representing and interpreting data
Year 11	Term 1 & 2	Gradients and Lines
	Term 3 & 4	Multiplicative Reasoning
	Term 5 & 6	Revision

Year	Term	Topic
Year 10	Term 1 & 2	Trigonometry
	Term 3 & 4	Working with Circles
	Term 5 & 6	Vectors
Year 11	Term 1 & 2	Using Graphs
	Term 3 & 4	Algebraic Resoning
	Term 5 & 6	Exams

Year	Term	Topic
Year 10	Term 1 & 2	Representing solutions of equations and inequalities
	Term 3 & 4	Ratio and Fractions
	Term 5 & 6	Non - Calculator Methods
Year 11	Term 1 & 2	Expanding and Factorising
	Term 3 & 4	Transforming and Constructing
	Term 5 & 6	Exams

Year	Term	Topic
Year 10	Term 1 & 2	Simultaneous Equations
	Term 3 & 4	Percentages and Interest
	Term 5 & 6	Types of Number and Sequences
Year 11	Term 1 & 2	Changing the Subject
	Term 3 & 4	Listing and Describing
	Term 5 & 6	Exams

Year	Term	Topic
Year 10	Term 1 & 2	Probability
	Term 3 & 4	Indices and Roots
	Term 5 & 6	Exams
Year 11	Term 1 & 2	Functions
	Term 3 & 4	Show that...
	Term 5 & 6	Exams

Year 10 timeline, resources and independent learning

- › **Additional groups in KS4**
 - Maths groups are restructured for years 10 (and 11) to allow for smaller class sizes and closer ability ranges.
- › **Resources, websites and learning opportunities**
 - Revision, Homework, Individual learning, targeted intervention
- › **Exam Preparation & Feedback**
 - Drop ins for all levels, Practice Papers, Sparx, Question Level Analysis (QLA) Sheets after year 10 PPEs.

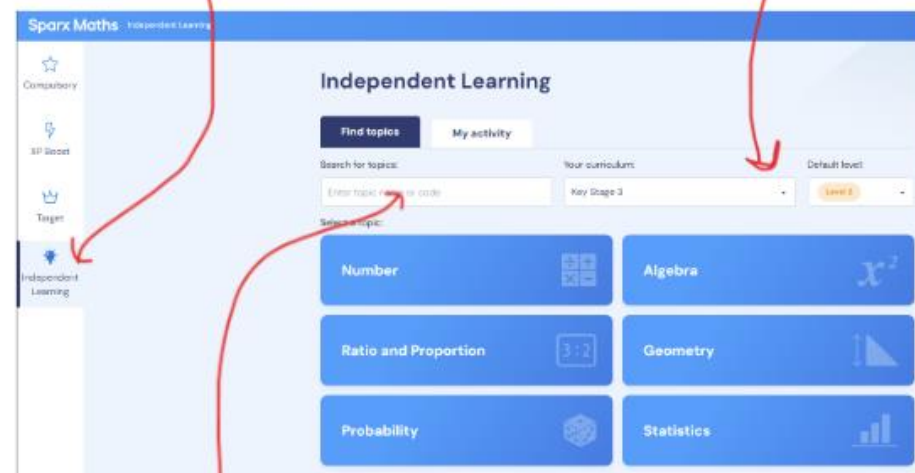
Exam revision lists

Topic	Content studied <i>This is not an exhaustive list but includes the key topics taught in year 10 and below that are on the exam.</i>	Sparx Independent learning codes (all topics are also on the Knowledge Organisers)	
Algebra	Inequalities on a number line	U509	
	Expanding brackets	U179, U768	
	Factorising expressions	U365	
	Linear equations	U755, U325, U870, U505, U599	
	Simultaneous Equations	U760	
Geometry	Linear Inequalities	U759	
	Pythagoras' theorem	U385	
	Trigonometry (SOHCAHTOA)	U283, U545	
	Enlargement	U519	
	Similarity and Congruence	U551, U112	
	Parts of a Circle and Area	U767, U950	
	Volume of a Prism	U174	
	Vectors	U632, U564, U903	
Number	Bearings	U107, U525	
	Converting and ordering fractions, decimals and percentages	U888, U594	
	Addition, subtraction, multiplication, division of fractions	U736, U793, U475, U544	
	Fractions and Percentage of amounts	U881, U916, U554, U349	
	Percentage change	U773, U671	
	Reverse Percentages	U286, U278	
	Factors, multiples, HCF and LCM	U211, U751, U529	
	Powers and roots	U851	
	Using a Calculator	U926	
	Multiplying and dividing integers	U127, U453, U548	
	Equivalent fractions and simplifying fractions	U704, U646	
	Rounding	U480, U298	
	Ratio and Proportion	Simplifying and Sharing amounts in a ratio	U687, U753, U577
		Converting between ratios, fractions and percentages	U176
Statistics and Probability	Mean, median, mode and range	U260, U291, U456, U526	
	Bar Charts, Stem and Leaf Diagram, Frequency Polygon	U363, U557, U200, U909, U840	
	Venn Diagrams	U476	
	Probability of single events	U408, U510, U683	
	Experimental probability, Expected outcomes	U580, U166	

How to log on to Sparx independent learning section?

1. Select the independent learning section on the homework platform home screen.

2. Check to make sure you have 'GCSE' curriculum and are happy with the level of difficulty.



3. Type the code from the revision list of the topic you would like to revise or select the area of the curriculum you would like focus on and then choose a topic from there.

AQA Further Maths level 2 qualification and drop-ins

› September 2025

AQA Further Maths level 2 Qualification has already started for 27 selected, higher-level students. The course is only suitable for students who are on course to achieve a grade 7, 8 or 9 in GCSE Maths.

This has had a big impact on top end GCSE results in recent years and there are record number of year 12 students taking A level maths this year.

Year 11 Intervention/Support

› September 2025

› In class

- › Small groups of targeted students will either be supported in the classroom or by a specialist teacher in another room.

› Tutor time

- › All year 11 students will have maths and English support up to four times a week during tutor time. This will be led by subject specialists.

› After school Drop in sessions

- Higher level GCSE – Thursday 3-4pm
- Foundation level GCSE (Grades 3, 4, 5) – Wednesday 3-4pm

Preparing for November & December PPEs

› November / December 2025

Students will sit three, one-hour exams for their maths PPE.

Paper 1 – non-calculator

Papers 2 and 3 – calculator

In preparation for these exams, all students will be given practice papers to complete at home and a full revision list including codes for use on Sparx.

Taking time to complete the papers and work through key topics on Sparx is the best way to prepare for exams.

Post exam analysis and targeted intervention

› December 2025 – after the PPEs

Question Level Analysis (QLA) data sheets will be produced for each student. This means that in addition for an overall mark and grade, every student will receive a personalised feedback sheet for each paper linked to Sparx for individual learning.

The faculty will analyse all data which may result in some set changes if any students need to change level of entry.

New intervention groups will be drawn up and students will have the opportunity to work on areas of weakness highlighted.



QLA Data Sheet

sparx

Questions	Topic	Score	Sparx Code
1	Converting between fractions, decimals and percentages	1 / 1	U888
2	Finding fractions of shapes	1 / 1	U679
3	Understanding and ordering decimals	1 / 1	U435
4	Adding and subtracting with negative numbers	0 / 1	U742
5	Solving equations with one step	1 / 1	U755
6	Identifying parts of circles	1 / 1	U767
7	Finding factors and using divisibility tests	1 / 2	U211
8a	Angles on a line and about a point	2 / 2	U390
8b	Understanding, measuring and drawing angles	1 / 1	U447
9a	Reading and plotting coordinates	0 / 1	U789
9b	Reading and plotting coordinates	0 / 1	U789
9c	Calculating midpoints	1 / 1	U933
9d	Plotting horizontal and vertical lines	0 / 1	M797
10	Use a written method to multiply decimals, Solve direct proportion word problems	3 / 4	U293, U721
11a	Adding and subtracting with integers	2 / 2	U417
11b	Estimating calculations	3 / 3	U225
11c	Estimating calculations	1 / 1	U225
12	Calculating the mean	1 / 2	U291
13a	Simplifying algebraic fractions by cancelling common factors	0 / 1	U103
13b	Simplifying expressions by collecting like terms	0 / 2	U105
13c	Factorising into one bracket	1 / 1	U365
14a	Finding percentages of amounts without a calculator	1 / 1	U554
14b	Converting between ratios, fractions and percentages	1 / 1	U176
14c	Finding percentages of amounts, Finding fractions of amounts	2 / 3	U554, U881
15	Multiplying fractions	1 / 2	U475
16	Solving direct proportion word problems	0 / 2	U721
17	Adding & subtracting integers, Writing numbers as percentages of other numbers	2 / 4	U417, U925
18	Using algebraic notation	2 / 3	U613
19	Position-to-term rules for arithmetic sequences	1 / 2	U498
20	Using a written method to divide with decimals	3 / 3	U868
21	Adding and subtracting mixed numbers	1 / 3	U793
22	Find the surface area of cubes & cuboids, Find the volume of cubes & cuboids	4 / 4	U929, U786
23	Drawing and interpreting frequency polygons	0 / 2	U840
24a	Venn diagrams	3 / 3	U476
24b	Venn diagrams with set notation	1 / 2	U748
25a	Interpreting scatter graphs	0 / 1	U277
25b	Using lines of best fit	1 / 2	U128
26	Finding original values in percentage calculations	1 / 2	U286
27	Finding the volume of cylinders, Calculating with pressure	2 / 3	U915, U527
28	Solving simultaneous equations graphically	1 / 1	U836
29	Index rules with positive indices, Index rules with negative indices	1 / 2	U235, U694
30	Using the exact values of trigonometric ratios	0 / 1	U627
31	Tree diagrams for independent events	1 / 2	U558
		Total	50 / 80

Drop-ins and Practice Papers

› January / February / March 2026

From January to Easter, in addition to continuing to work through and complete the scheme of work, students start working on exam practice primarily based upon the December PPE.

- **Fortnightly Practice GCSE paper for Homework** – Every student will complete a past paper for homework with a feedback lesson to mark and go over the papers.
- **Drop-Ins** – These will continue on Tuesdays and Wednesdays and are a fantastic way for students to complete their homework practice papers.

Internal assessments - March

› March 2026

Internal assessments will take place in March to help finalise any last minute decisions and track closely student progress in the final months before they sit their GCSE exams.

If there are any issues with the level of entry for students then parents will be contacted and discussions had.

All issues relating to GCSE entry will be finalised at this point.

The mad rush to GCSE

› April / May 2026

As exams start, maths lessons will still be running and whole school revision initiatives e.g. Exam breakfast, additional revision opportunities.

Students are still welcome to drop-in sessions – not surprisingly, attendance is at its highest at this time.

Sparx.com

- › An online teaching and learning platform and covers all of GCSE and is linked to schemes of work and revision lists.
- › All students will have their own login. They can easily request a reminder if they forget their login.
- › Tuition videos and online quizzes.

Additional websites and resources

› www.mathsgenie.co.uk

Grade 4

Videos	Exam Questions	Exam Questions Booklet	Solutions
Compound Interest and Depreciation	Exam Questions	Compound Interest and Depreciation	Solutions
Indices	Exam Questions	Indices	Solutions
Prime Factors, HCF and LCM	Exam Questions	HCF, LCM	Solutions
Real Life and Distance Time Graphs		Real Life Graphs	Solutions
Inequalities	Exam Questions	Inequalities	Solutions
Forming and Solving Equations	Exam Questions	Forming and Solving Equations	Solutions
Sequences (Nth Term)	Exam Questions	Sequences (nth term)	Solutions

GCSE maths revision

All the free resources you need for GCSE maths revision: revision guides, diagnostic assessments, GCSE maths papers (foundation & higher), worksheets, practice, exam questions and more.



What GCSE maths revision resources are available?

- ✓ Downloadable GCSE maths worksheets on all major GCSE maths topics: Algebra, Number, Ratio and Proportion, Statistics, Probability, Geometry and Measure.
- ✓ GCSE maths revision guides with step by step examples, misconceptions, practice and exam style questions.
- ✓ GCSE maths papers (and mark schemes) closely matched to past papers from AQA, OCR and Edexcel. Also useful for the WJEC and CCEA exam boards and the IGCSE. Foundation tier and higher tier sets available.
- ✓ GCSE maths revision mats suitable for use with the whole class or in small group tutorials.

GCSE Maths Papers

New for 2024

GCSE Maths Foundation
Papers

For all exam boards

GCSE Maths Higher
Papers

For all exam boards

GCSE Maths Worksheets

For all exam boards

[HOME](#)[REVISION](#)[EXAM PAPERS](#)[SPICY QUESTIONS](#)

The Ultimate Foundation
Revision Booklet



The Ultimate Higher
Revision Booklet



Topic	Video Explanation	Exam Questions	Solutions	Grade	Past Series Appearance*
Algebraic Fractions (Equations)				8+	64%
Algebraic Fractions (Simplifying)				8+	91%
Algebraic Proof				8+	73%
Circle Theorem Proofs				8+	9%
Completing the Square (Tricky ones!)				8+	64%
Equation of a Tangent to a Circle				8+	45%
Non-linear Simultaneous Equations				8+	36%
Quadratic Inequalities				8+	73%
Rationalise the Denominator				8+	82%
Speed Time Graphs				8+	64%

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> www.onmaths.com

RESIT PAPERS

2022 November Predicted Papers (with Advance Information)

Foundation ▾ Edexcel ▾ Paper 1 ▾

Edexcel GCSE Prediction

Mathematics

Paper 1

Foundation Tier

Nov 2022

1MA1-1F

Start Paper

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› Corbettmaths.com



Corbettmaths

Welcome

Videos and Worksheets

Primary

5-a-day ▾

More ▾

Welcome

5-a-day


Videos

Worksheets

› [Half Past Papers \(hannahkettlemaths.co.uk\)](http://hannahkettlemaths.co.uk)

Students can even revise watching videos on TikTok.







Mathematics

FOR FULL VIDEO SOLUTIONS
SCAN THE QR CODE

youtube.com/ahannahkettlemaths

Higher Tier

Half Past Paper – Week 1

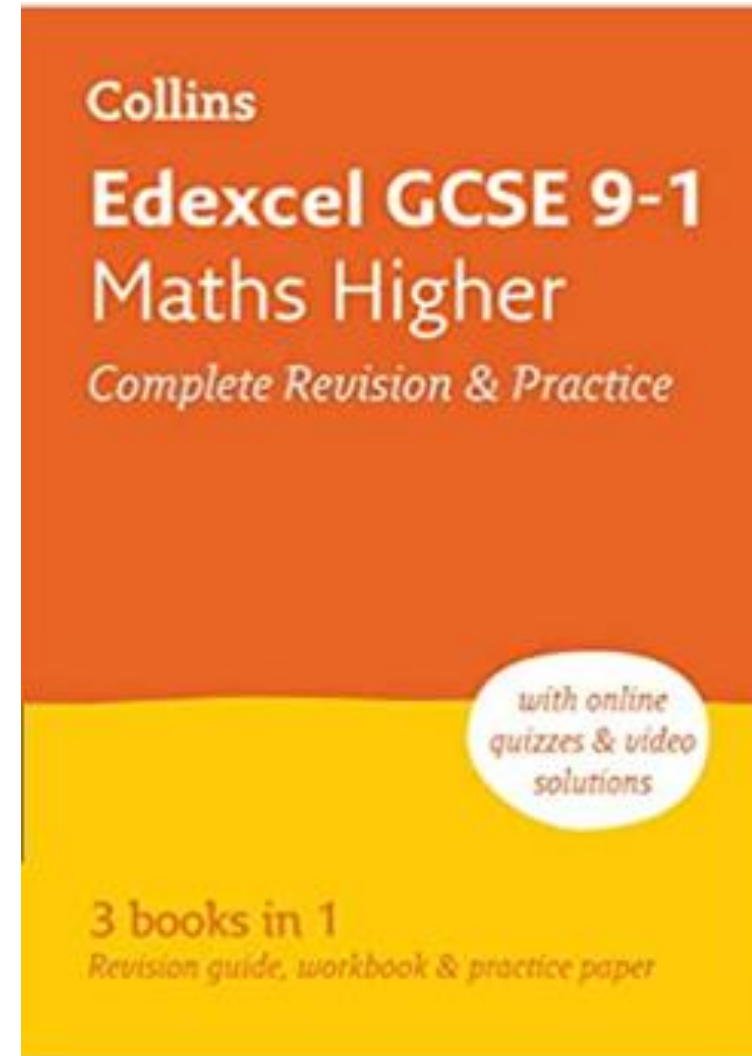
Total Marks

Q	Topic	Marks	Sparx Code
1a	Adding and subtracting mixed numbers	2	U793
1b	Dividing with mixed numbers	2	U538
3	Converting units, Finding the percentage an amount has been changed by	4	U388,U278
5a	Plans and elevations	2	U743
5b	Finding the surface area of pyramids	4	U871
7	Combining transformations	2	U766
9a	Indices of the form $1/a$	1	U985
9b	Calculating with roots and powers	1	U851
9c	Indices of the form a/b , Index rules with negative indices	2	U772,U694
11	Circle theorems for chords and tangents	5	U489
13	Expanding brackets with surds, Simplifying surds	3	U499,U338
15a	Factorising the difference of two squares	1	U963
15b	Factorising the difference of two squares, Expanding double brackets	3	U963,U768

Revision Guide and Workbook - £5

Three books in one;

- Revision Guide
- Workbook
- Practice exam papers





Y10

September

KS4 Curriculum evening
WEX launch

January

Self-evaluation 2

February

Tutor checks

April

Parents evening

July

WEX

Y10 reflection & planning to
make a success of Y11
Celebrating success event
Final Y10 report

October

Confirm options
Making a success of Y10
assembly

November

Self-evaluation 1

December

Interim report 1
12 days of Christmas 'chance to
shine'

March

Interim Report

May

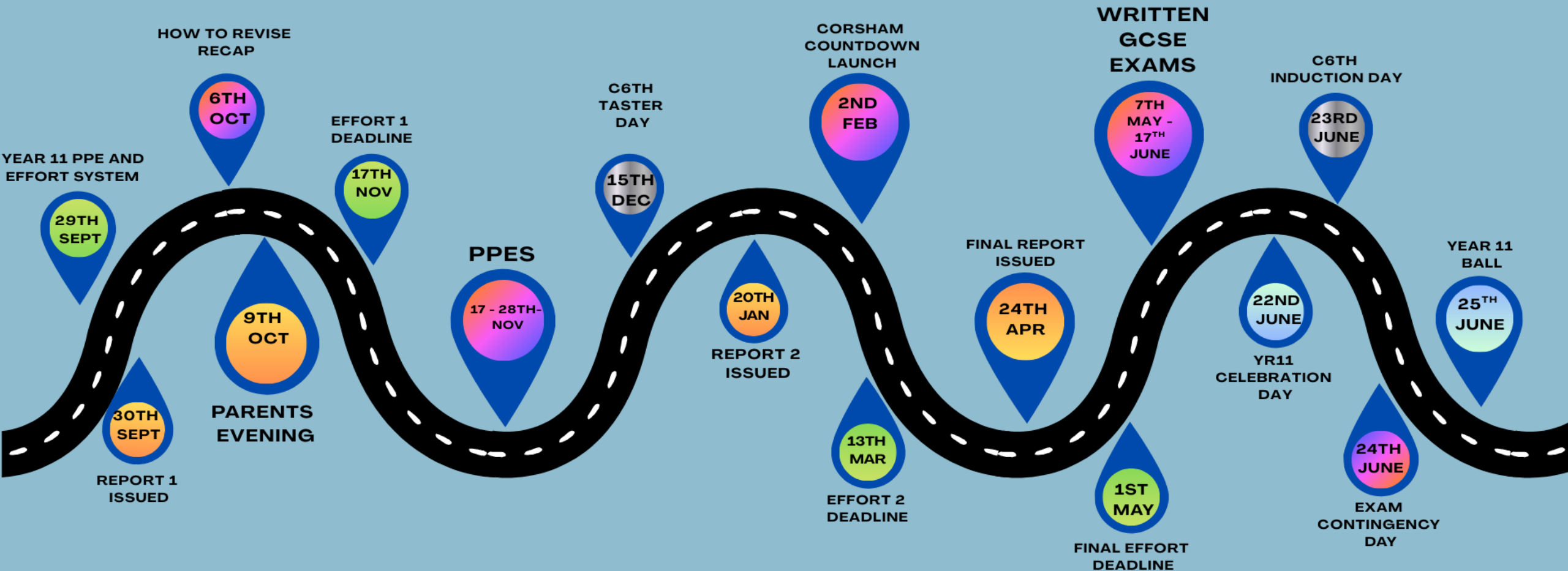
'How to Revise' evening
Launch of revision & rewards
Tutor checks

June

Summative Assessments
Self-evaluation 3



CLASS OF 2026



DREAM BELIEVE ACHIEVE

What Does Minimum Effort Look Like?

• *I am ready to learn*

- because I arrive on time with correct equipment/kit/books
- because I complete homework and coursework by the deadline
- because I make the most of TRIO time

• *I rise to the challenge*

- because I know what I am aiming for
- because I know how I am doing and what I need to improve
- because I strive to make my work excellent and I keep trying
- because I am being the best version of myself
- because I get help when I need it e.g. homework club, Book, Buddy, Boss.

• *I respect everyone*

- because I allow others to learn
- because I treat everyone fairly

THE CORSHAM SCHOOL

ACADEMY GROUP

*“I went to revision classes
but not until right at the
end”*

*“In year 10 I didn't do a
lot of my work, I caught
up loads in year 11 but it
was a bit too late”*

*“I got good grades in my
PPE and so took it easy
thinking that's what I
was going to get I
didn't”*

*“I wish I had made
revision cards
sooner”*

*“Knowledge Organisers
saved me”*

Other things that matter!

Attendance

All things considered good attendance is the biggest single factor in affecting good outcomes. Last year's Exam results

Average Attainment Grade

- Above 95% attendance 5.38
- 90-95% attendance 4.38
- Below 90% attendance 3.21

Engagement

Participating in clubs, trips, events and revision sessions.

Keeping it realistic

Creating time for the things you value and enjoy.

Support at home

Day	Lunchtime 13.20 – 14.00	After School	Who?	Venue
Monday	English French History Photography	English	Everyone Everyone Everyone Everyone Everyone	R7 R2 H8 H5 T9
Tuesday	Art & Textiles D & T Geography History Photography	Art , Textiles & Photography Science	Everyone Everyone NEA Catch Up Everyone Everyone Everyone Higher Paper	T9 T8 / T9 T3 R23 H5 T8 S20
Wednesday	Business Drama Photography	Art , Textiles & Photography History	Everyone NEA Catch Up Everyone Everyone / Homework Support Everyone	T23 H22 DS1 H4 T9
Thursday	Art & Textiles Media Photography	Art , Textiles & Photography D & T Science	Everyone Everyone NEA Catch Up NEA Support Everyone Everyone	T9 T8 T3 R21 T8 / T9 S20
Friday				

DEALING WITH EXAM STRESS



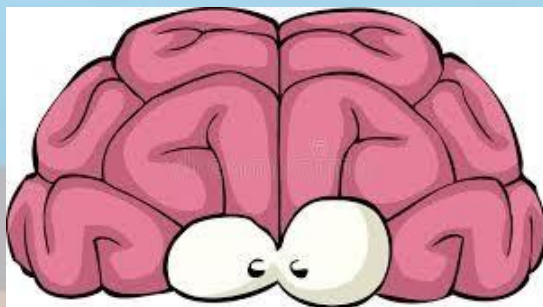
THE CORSHAM SCHOOL

ACADEMY GROUP



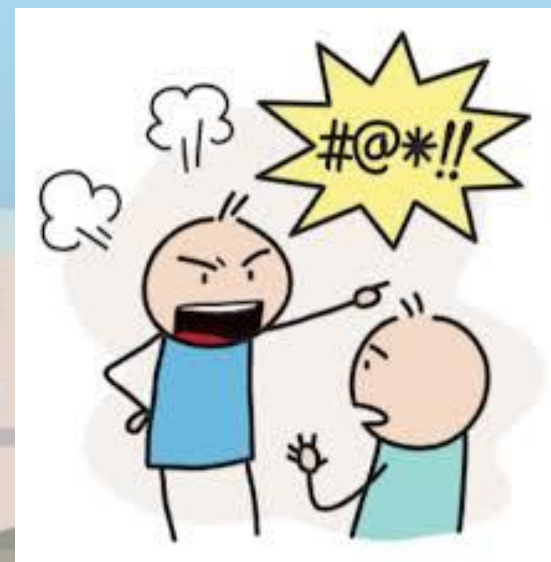
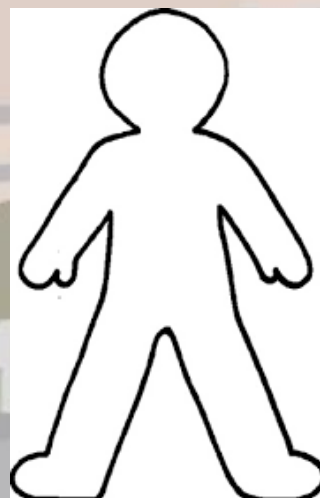
<https://www.youtube.com/watch?v=fVkSnPz5JO0>

What does stress look like?



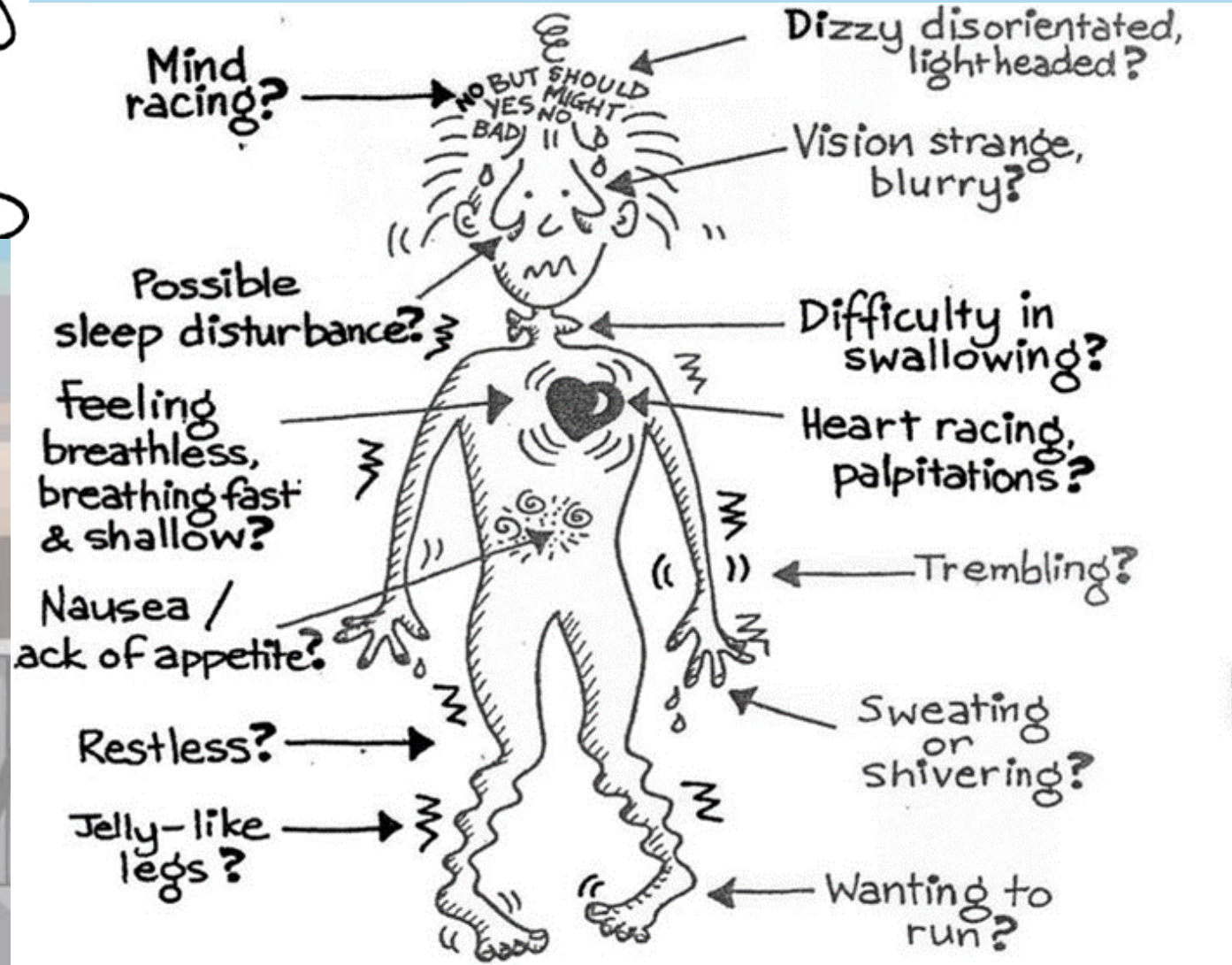
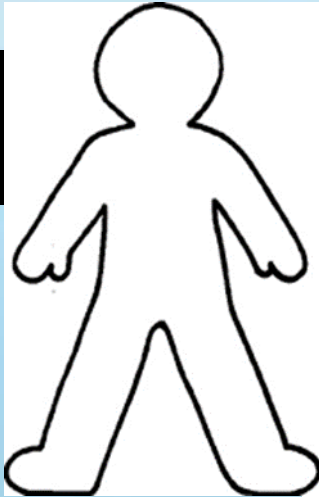
MIND

BODY



BEHAVIOUR

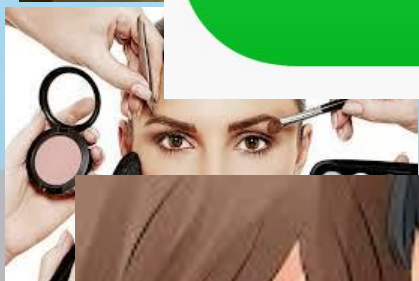
How stress affects the body





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The Importance of Sleep

A lack of sleep affects our:

- decision-making skills
- memory
- thinking
- ability to recall information
- concentration
- alertness
- ability to respond helpfully
- reaction times
- tolerance of others



How to support your child- Part 1

- Feed them!
- Stay calm! (Be their PFC)
- Keep them hydrated
- Ensure they have a place to work (quiet/safe/private)
- Ensure they have a place to hibernate (quiet/safe/private)
- Listen when they need you to
- Encourage them to keep up or take up exercise
- Be reassuring and focus on what's going well
- Make sure they get enough sleep (screens, P&Q)

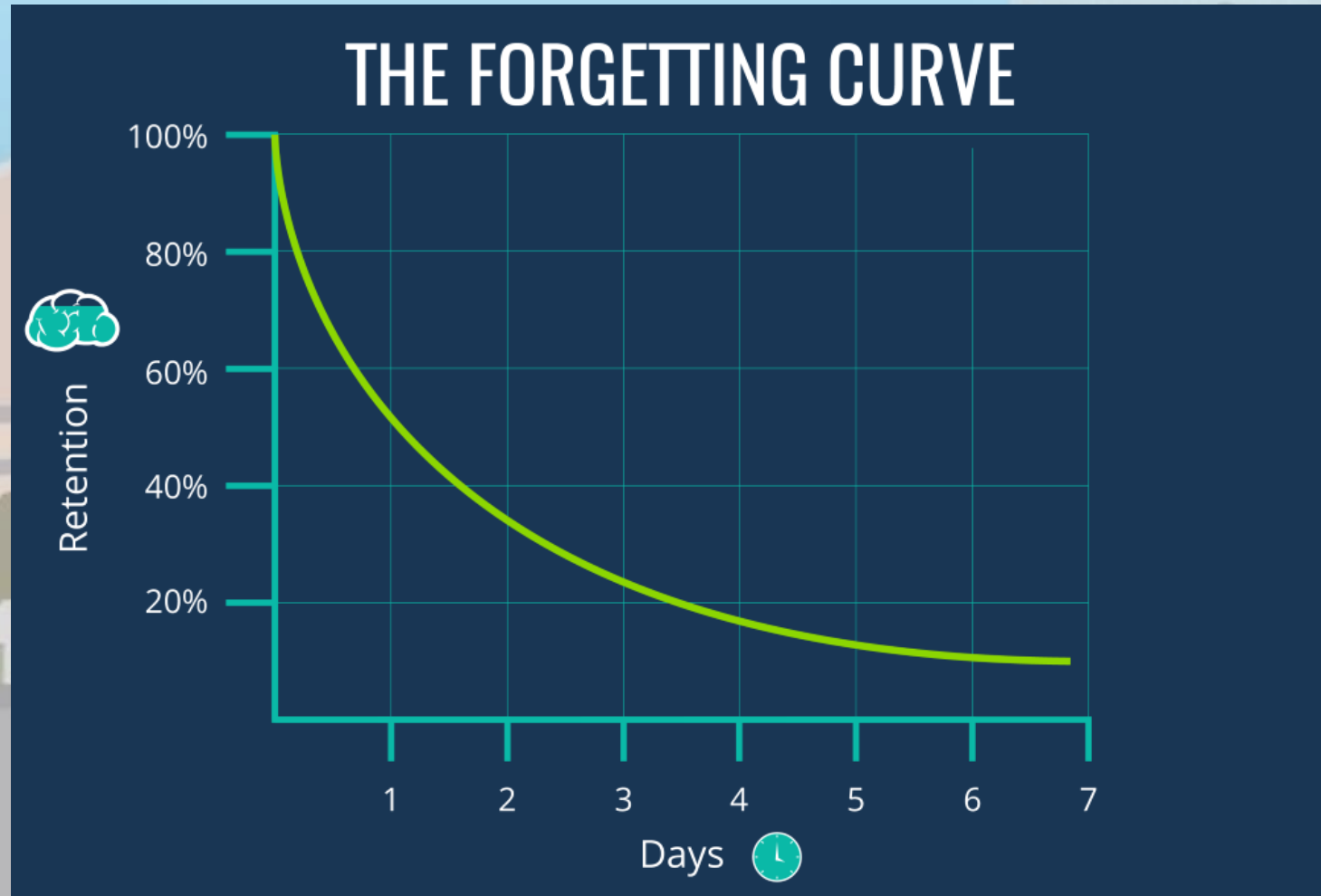
How to support your Child - Part 2

- Exam nerves are normal; try not to minimise or maximise them
- Take an interest, but know when to leave them alone
- Get involved (e.g. get them to explain their learning, share the timetable or offer revision ideas)
- Be a parent, not a friend (enforce boundaries)
- If you don't know what they need, ask them
- Notice when they're working hard and acknowledge it
- Cut them some slack
- Support them during exam time (drive them to school, go through what they need)

How we teach our students

The Forgetting Curve, discovered by German psychologist Hermann Ebbinghaus tells us....

"biggest cause of forgetting new information is to just learn it once".

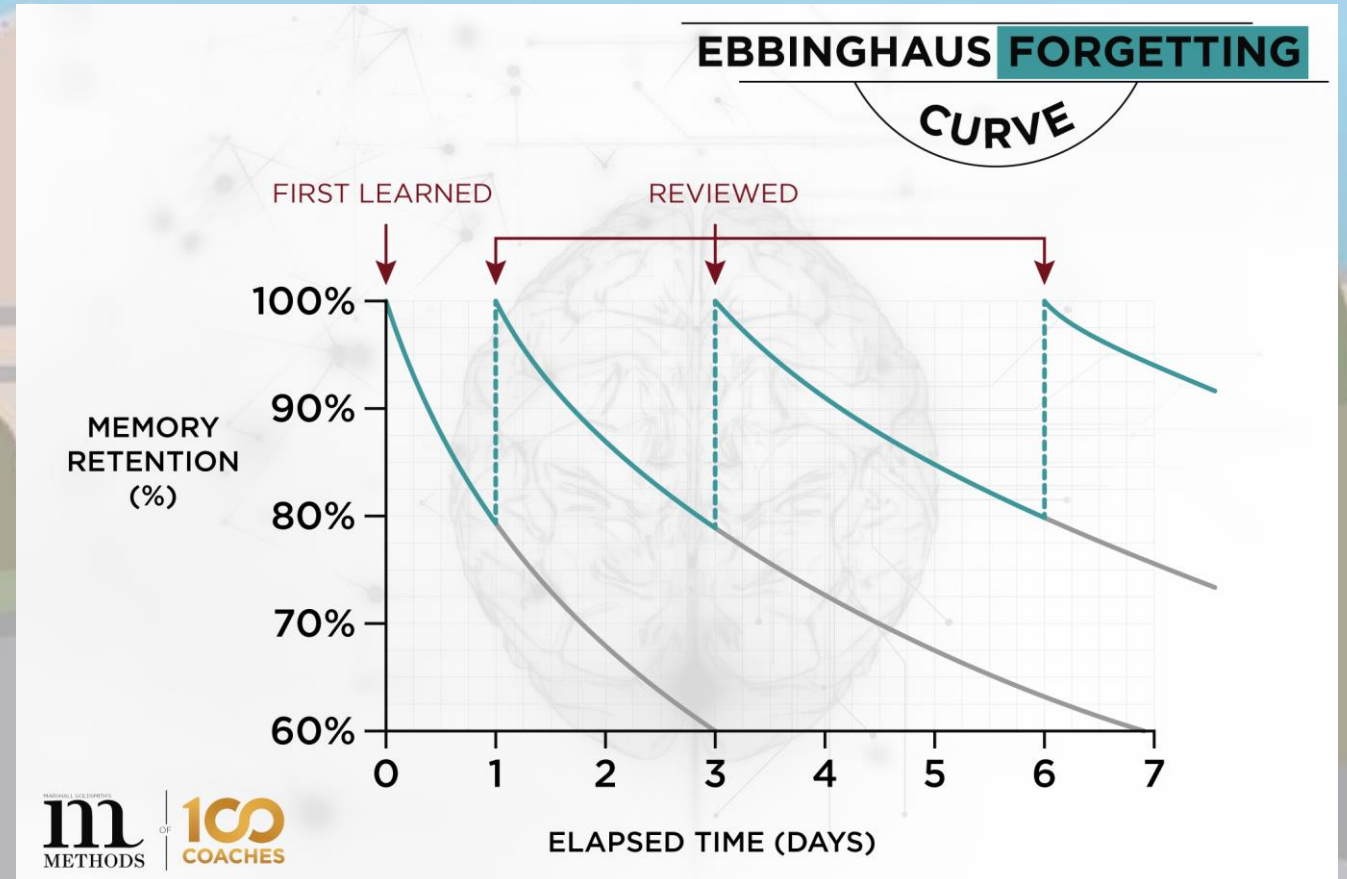


How we teach our students

The downward slope of **The Forgetting Curve**, can be softened by repeating the learnt information at separate stages

Reviewing knowledge learnt occurs...

- a) Within lessons
- b) Home Learning



Preparing for Assessments

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Each year Group has a set of summative assessments.

Year 10 = 8th to 19th June
Year 11 PPEs = 17th – 26th November

To prepare students for their 'in lesson' summative assessments we will set "Corsham Countdown" revision help.

History:		
Week beginning	Activity 1	Activity 2
	<p>WW2 revision</p> <p>Look at this information.</p> <p>Use this to make flash cards on the key events of WW2.</p> <p>Then think about HOW each event led to the victory of the Allies in WW2.</p>	<p>Battles revision</p> <p>Watch this video.</p> <p>Use this to make a mind map on WHY battles are won. You can think about reasons such as:</p> <ul style="list-style-type: none">• Leadership• Tactics• Weapons• Luck
	<p>Transatlantic slave trade revision</p> <p>Watch this video</p> <p>Use this and the rest of the information on the site to make flash cards to the key facts about the transatlantic slave trade.</p> <p>If you wish to challenge yourself, follow up by making more flash cards on this information on the link.</p>	<p>Suffrage revision</p> <p>Watch this video</p> <p>Use this and the rest of the information on the site to make a detailed timeline to show how women won the vote.</p>

Best independent revision

Parents and Students - The Corsham School

Ways to complete Independent Revision



How we revise at The Corsham School

Contents

1. Constant revision
2. Resources to use
3. Look – Cover – Write - Check
4. Knowledge Mind-maps
5. Making flashcards
6. Create 10 knowledge questions
7. Using Past Papers to master exam technique

CORSHAM CHARACTER

INTELLECTUAL VALUES

The pursuit of truth, knowledge and understanding.
Be reflective. Be curious. Be open-minded. Be creative.



PERFORMANCE VALUES

Maximum effort, maximum focus.
Be resilient. Always Persevere. Contribute to Teamwork.



What to use for Independent Revision

Chapter 1: Cell biology and transport
Knowledge organiser

Eukaryotic cells
Animal and plant cells are eukaryotic. They have genetic material (DNA) that forms chromosomes and is contained in a nucleus.

Animal cell
Cell membrane: controls the movement of substances in and out of a cell.
Nucleus: contains DNA.
Mitochondria: release energy to power the cell through respiration.
Cytoplasm: jelly like substance where chemical reactions happen.

Plant cell
Cell wall: made of cellulose. Gives strength to the cell.
Permanent vacuole: contains cell sap.

Prokaryotic cells
Bacteria have the following characteristics:
• single-celled
• no nucleus - have a single loop of DNA called **plasmids**
• have small rigid disk called **ribosomes**
• smaller than eukaryotic cells

Microscopes

Light microscope	Electron microscope
uses light to form images	uses a beam of electrons to form images
being samples can be viewed	samples cannot be being
relatively cheap	expensive
low magnification	high magnification
low resolution	high resolution

Electron microscopes allow you to see sub-cellular structures, such as ribosomes, that are too small to be seen with a light microscope.
To calculate the **magnification** of an image:
Magnification = $\frac{\text{image size}}{\text{actual size}}$

Comparing diffusion, osmosis, and active transport

Diffusion
The spreading out of particles, resulting in a net movement from an area of higher concentration to an area of lower concentration.
Factors which affect the rate of diffusion: difference in concentration, temperature, and surface area of the membrane.

Osmosis
The diffusion of water from a dilute solution to a concentrated solution through a **partially permeable membrane**.

Active transport
The movement of particles from a more dilute solution to a more concentrated solution using energy from respiration.

Specialised cells
Cells in animals and plants differentiate to form different types of cells. Most animal cells differentiate at an early stage of development, whereas a plant's cells differentiate throughout its lifetime.

Specialised cell	Function	Adaptations
Sperm cell	Fertilise an egg (egg)	• Tail to swim to the ovulated fertilise it. • Lots of mitochondria to release energy from respiration, enabling the sperm to swim to the ovum.
Red blood cell	Transport oxygen around the body	• no nucleus so more room to carry oxygen • contains a red pigment called haemoglobin that binds to oxygen molecules • Red by-carotene disc shape to increase surface area to volume ratio
Muscle cell	Contract and relax to allow movement	• Rad by-carotene disc shape to increase surface area to volume ratio • contains protein fibres, which can contract to make the cells shorter • contains lots of mitochondria to release energy from respiration, allowing the muscles to contract
Nerve cell	Carry electrical	• branched endings called dendrites, to make

Movement of particles

Energy required?

Humans	Plants
no - passive process	yes - active process
• nutrients in the small intestine diffuse into the capillaries through the wall. • Oxygen diffuses from the air in the alveoli into the blood in the capillaries. Carbon dioxide diffuses from the blood in the capillaries into the air in the alveoli. • Urea diffuses from cells into the blood for excretion	• Water moves from an area of lower solute concentration to an area of higher solute concentration. • yes - energy released by respiration • Active transport allows sugar molecules to be absorbed from the small intestine when the sugar concentration is higher in the blood than in the small intestine. • Plants