



HARROGATE
GRAMMAR SCHOOL
EXCELLENCE FOR ALL



Key Stage 4 Year 10 Supporting Success Information Evening



KS4 Results Overview

	2024 %9-5	2019 %9-5		2024 %9-4	2019 %9-4
Basics En/Ma	62	61		82	81
EBacc	40	39		55	51

- 82% of students gained 5 standard passes including En & maths (2019 – 77%)
- 62% of students gained 5 strong passes including En & maths (2019 – 58%)
- 30% of grades were at 9 or 8 – 566 grades – **National = 16.9%**
- 9.2% of grades were at 9 – 236 grades – **National = 4.9%**

80% joined Sixth Form



Parent/Child/School – How can we be the most productive together?

- Attendance

- Keeping up to date
 - Parent letters
 - Half termly HGS Newsletter and weekly Student Newsletter
 - Website (Curriculum Information)
 - Arbor
 - Class Charts

- Keeping in contact with us
 - Adam Thurley, Year Manager for Year 10



Procrastination

Reason - No motivation

Solution - Set a clear and specific goal

Reason - Overwhelmed

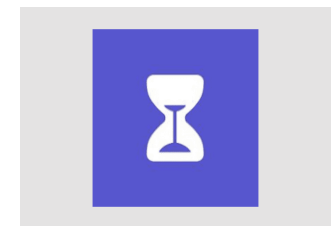
Solution - Break the work down, create a list

Reason - Dislike the work

Solution - Bribery, work with friends/parents

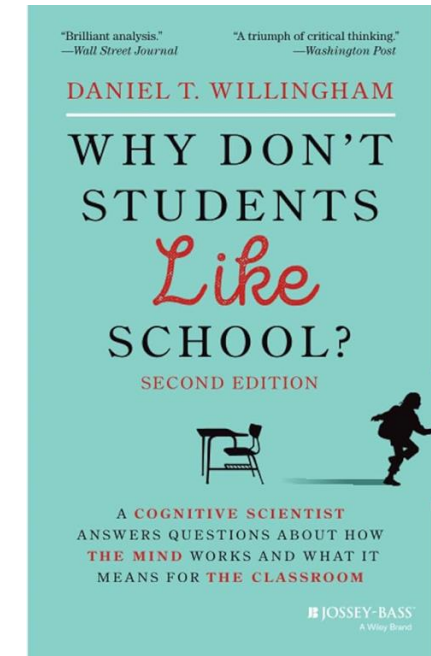
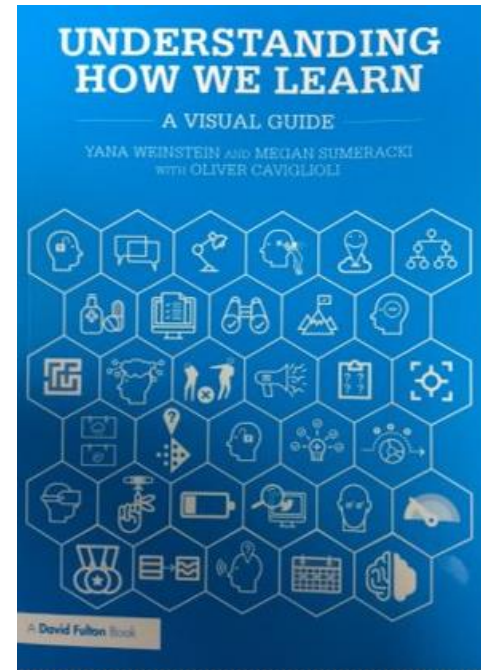
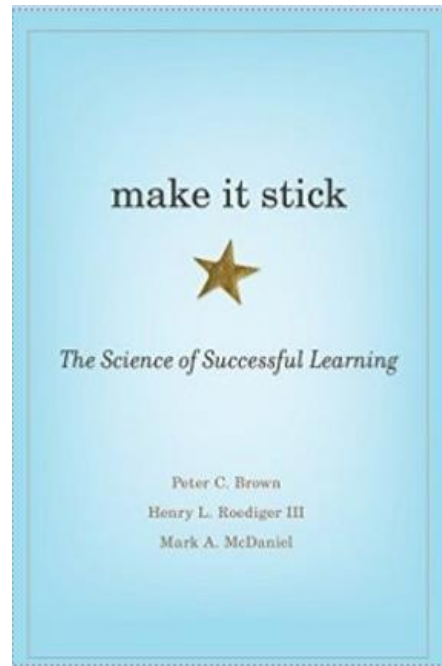
Reason - Social Media

Solution - Hold, Focus Me, Restrain Yourself





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Making Learning Stick

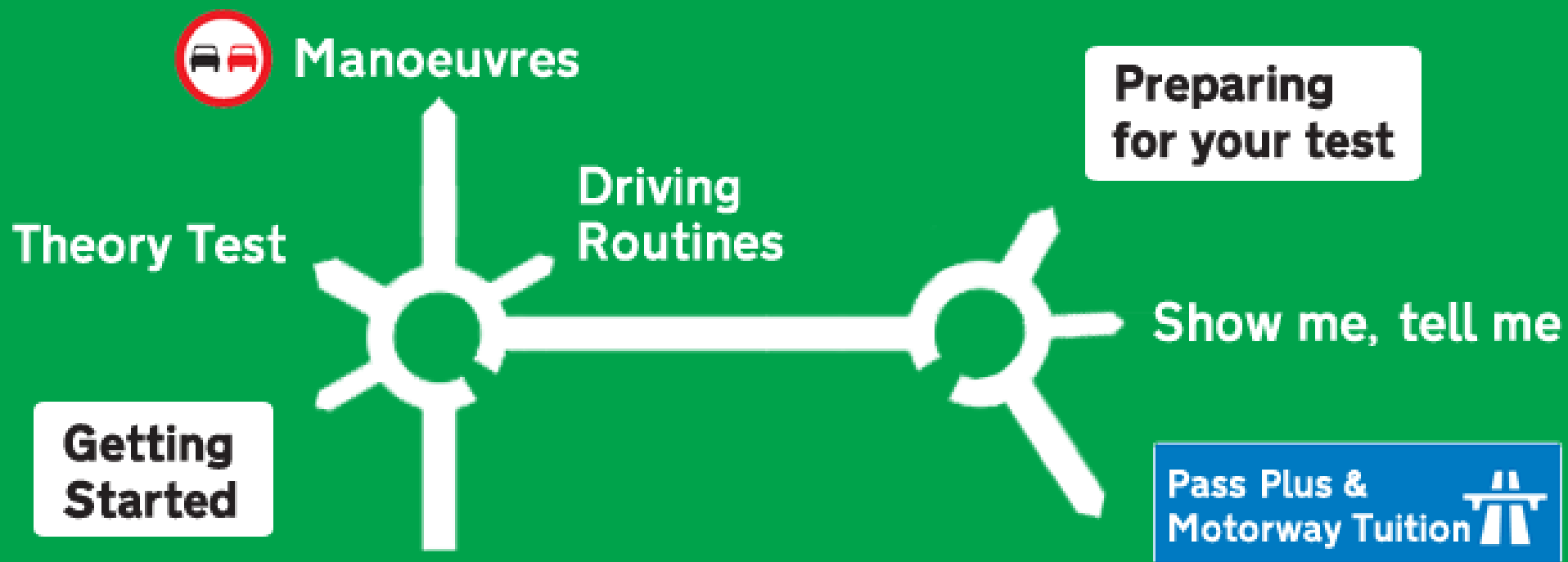
Supporting Your Child to Learn More Effectively
and Develop Greater Memory Retention



www.harrogategrammar.co.uk

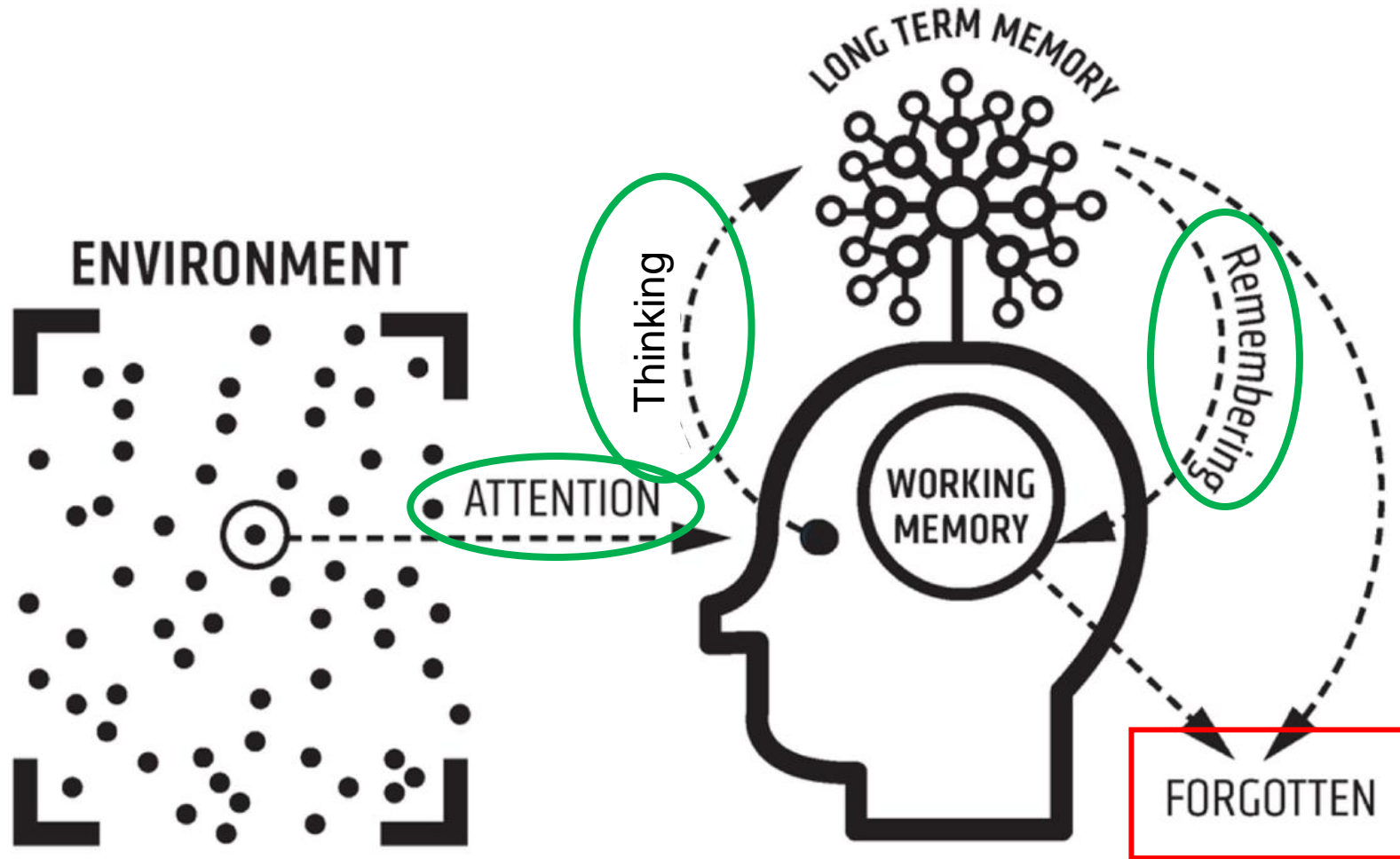


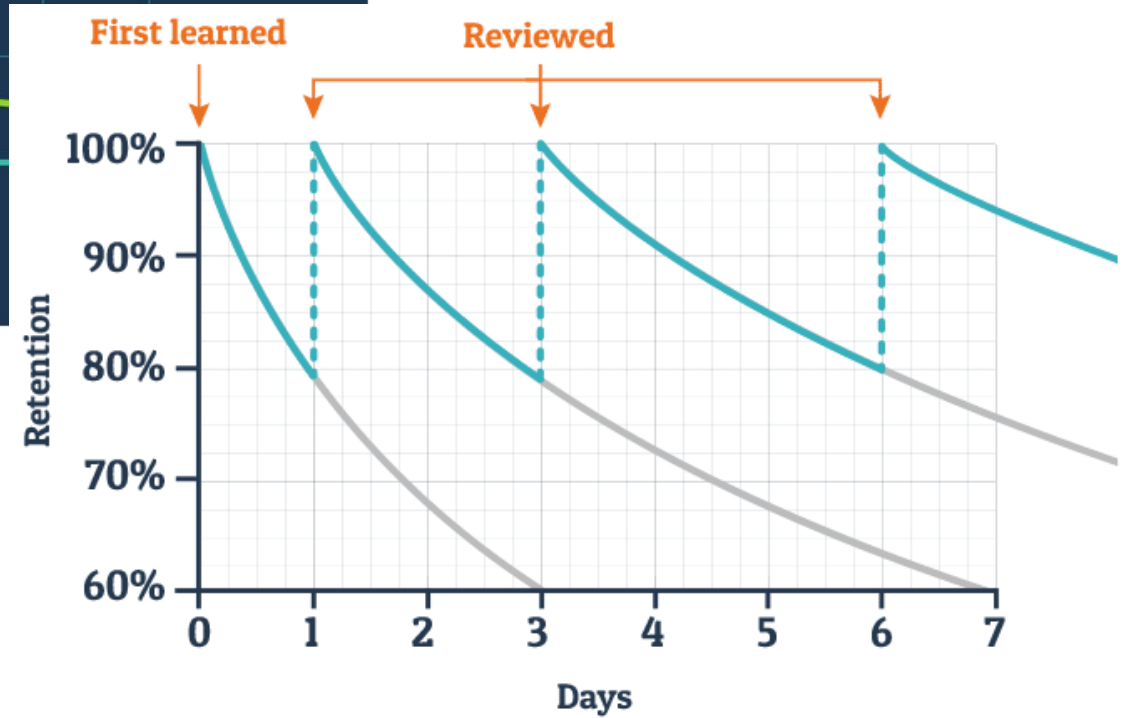
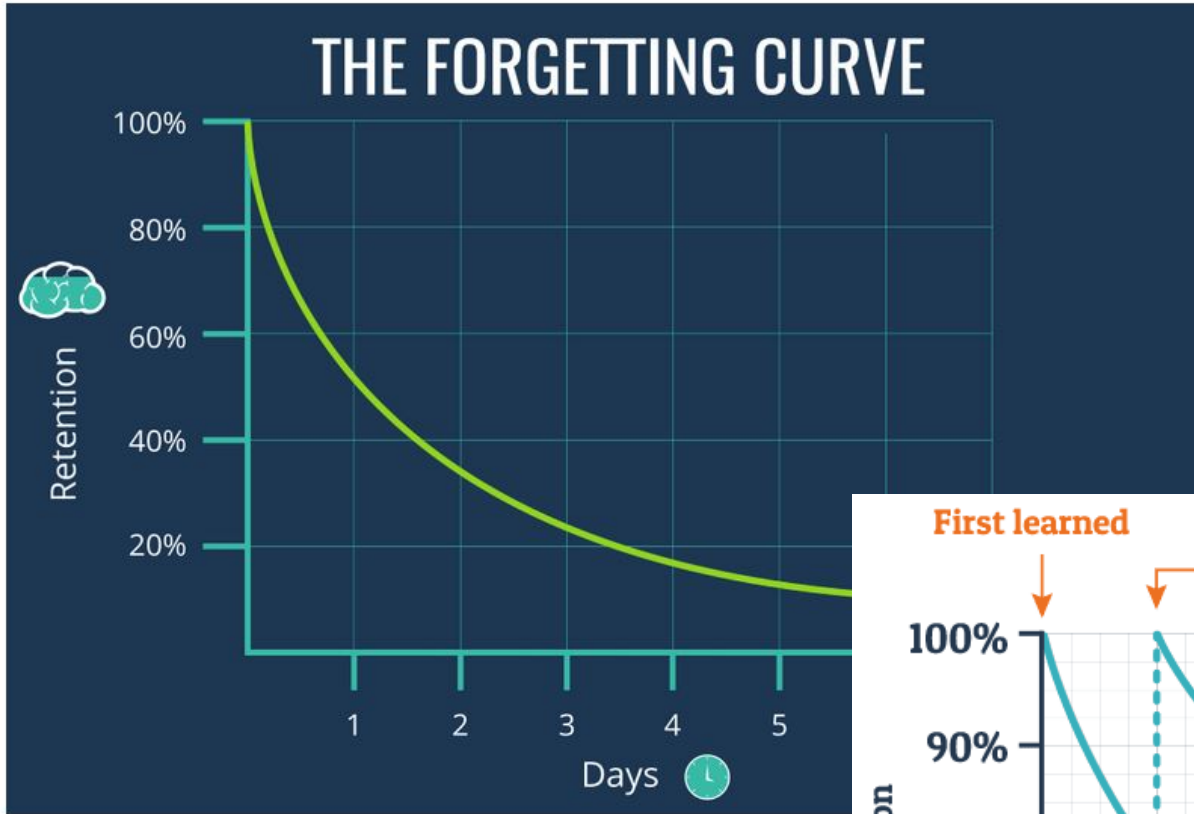
Learning to Drive





'Securing knowledge in long-term memory'







Group these 'revision' activities into two categories

A) Effective strategies (time well spent)

B) Ineffective strategies (time wasted)

Completing an on-line quiz/test which is automatically marked

Highlighting key words/phrases in colour from a revision guide/exercise book

Reading a revision guide, your exercise book or text book

Self-testing or a friend/family member testing you using flashcards

Attempting past paper questions, then looking at answers (mark scheme)

On a blank sheet, writing out/drawing all you know about a topic then checking a revision guide for anything missed

Writing out notes or copying diagrams, from your revision guide/textbook/ exercise book

Talking out loud to yourself or someone else on how to answer a question or what you know about a given topic



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Effective revision strategies



Using flashcards to test yourself or getting a family member/friend to test you

Completing an on-line quiz/test which is automatically marked

On a blank sheet of paper, writing out/drawing all you know about a topic then checking for anything missed in a revision guide or your notes

Attempting practice questions then marking your answers

Attention



Thinking



Remembering





Ineffective revision strategies



Reading and re-reading notes in your exercise book, a revision guide or a website

Copying out your notes or copying diagrams, from your exercise book, a revision guide or a website

Highlighting key words or phrases from your notes or revision guide using colour highlighters

Attention



Thinking



Remembering



Top 3 Tips



Diagnostic
Questions
Quizzes to test your
misconceptions.

1. **Self-test again and again** – Flashcards, on-line software/past exam questions using memory first



2. **Free recall** – choosing a topic and writing down/drawing/sketching out/mapping everything you can think of on that topic on a blank sheet of paper using memory first

3. **Self-explanation** – saying out loud to yourself/family/friend how to answer a question using only.....**their memory!**



Gold Standard Strategies for Strengthening Memory

- **Retrieval Practice**
 - Study – self-test – self-test – self-test – self-test – exam
- **Spaced Practice**
 - Revisiting content again and again spread out over time

Avoid

- **Blocking**
 - Spending a long time on just one topic
- **Cramming**
 - Leaving everything until the last minute



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KS4

Supporting Success

English





English at HGS will foster a **life-long love of English.**

- English will teach students to **communicate** orally and in writing **with conviction** and **precision**; to develop an **independent voice** underpinned by the **wide vocabulary** necessary to express it. This will include the rhetoric of effective engagement.
- Students will **read widely** and learn to **decode inferentially** and **metaphorically, evaluate** the impact of language effectively and recognise patterning and literary tropes.
- Our curriculum will teach students key literary contextual knowledge and cultural capital from which to build skills and develop as **empathetic global citizens.**



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2024 ■ English Language

9-7 = 35%

9-5 = 76%

9-4 = 90%

■ English Literature

9-7 = 32%

9-5 = 80%

9-4 = 92%

English Language
Paper 1:
Explorations in
Creative Reading
and Writing

Section A: Reading

- One literature fiction text (e.g. extract from 'Jamaica Inn' or 'Brighton Rock')

Section B: Writing

- Descriptive or narrative writing (e.g. response to picture)
- **Assessed through:**
- Written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE

English
Language
Paper 2:
Writers'
viewpoints
and
perspectives

- **Section A : Reading**
- One non-fiction text (e.g. article from a broadsheet newspaper) and one literary non-fiction text (e.g. letter from 19th Century)
- **Section B: Writing**
- Writing to present a viewpoint

- **Assessed through:**
- Written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE



Functional Skills Levels 1 and 2

- Qualification equivalent to Grade 4 GCSE.
- Safety net for those 'wobbly' 3 / 4 grade students.
- Additional to GCSE, not instead of.
- Level 1 in November, Level 2 in March

English Literature Paper 1

Shakespeare and the 19th Century Novel

- One Shakespeare play ('Macbeth')
- One 19th Century novel ('Jekyll and Hyde')
- **Assessed through:**
 - Written exam: 1 hour 45 minutes
 - 64 marks
 - 40% of GCSE

English Literature Paper 2

Modern Texts and Poetry

- One post 1914 prose fiction - 'Animal Farm'
- One cluster of poetry – given by AQA.
- Unseen poetry

- Assessed through:
 - Written exam: 2 hours 15 minutes
 - 96 marks
 - 60% of GCSE



- Attendance to lessons
- Complimentary home learning – one Language and one Literature (40 mins each)
- Ask your child the big question – What is the main message of the text they are studying?
- Read over your child's work for clarity and literacy.
- Encourage independent reading of fiction and non-fiction.
- Debate key issues – encourage your child to share their viewpoint on key issues. Discussions about current affairs and how they link to ideas and themes in set texts.
- Encouraging the development of own opinions through independent learning e.g. use of revision guides, websites (for example BBC Bitesize, OAK National Academy),



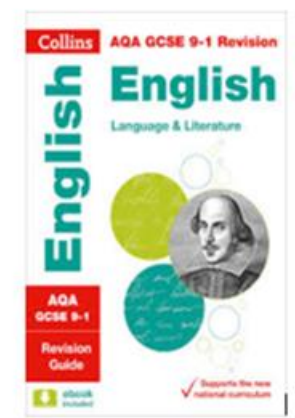
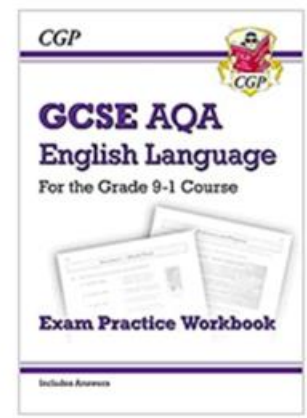
English Language Revision Bingo - Knowledge & Application

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)



Study Guides

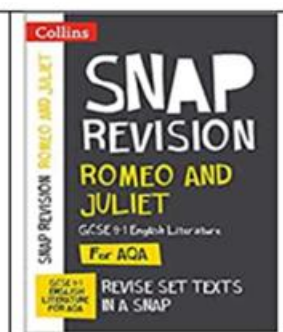
English Language Revision Guides and Workbooks:



English Literature Revision Guides and Workbooks: Each of these companies provide materials for each of the set texts that are detailed below.



CGP offer a text guide and a workbook.



Snap revision by Collins offer a revision guide and workbook.



Offer quote analysis and essay planning help



Watch texts in performance

LEEDS PLAY HOUSE

What's on | Visit us | Join in | For artists | More

ANIMAL FARM

BY **GEORGE ORWELL**
ADAPTED BY **TATTY HENNESSY**

ANIMAL FARM
12 - 29 MAR 2025

The banner features a pig character with a pink pig head, wearing a blue tank top with various stamps and a medal. The background is a green and yellow textured wall.

Revision On Tour: Dr Jekyll &
Mr Hyde
Grand Opera House York





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KS4

Supporting Success

Maths





KS4 Maths – Key Contacts



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PL Maths

Mr Mooney
Programme Leader – KS4
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The Maths Faculty - Vision

Maths at HGS aims to **spark a passion in maths** for all students, no matter what their starting point is, through the beauty of **discovering patterns, making connections and looking for the 'why'** behind mathematical formulae.



Results

GCSE	2024	National 2024
9%	9	3.3
% 9-8	22	9.1
% 9-7	36	16.8
% 9-6	51	26.6
% 9-5	66	42.5
% 9-4	85	59.6

What this told us?

- Edexcel was a good board to move to!



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Legacy

65% of students in the Sixth Form
take a Maths course





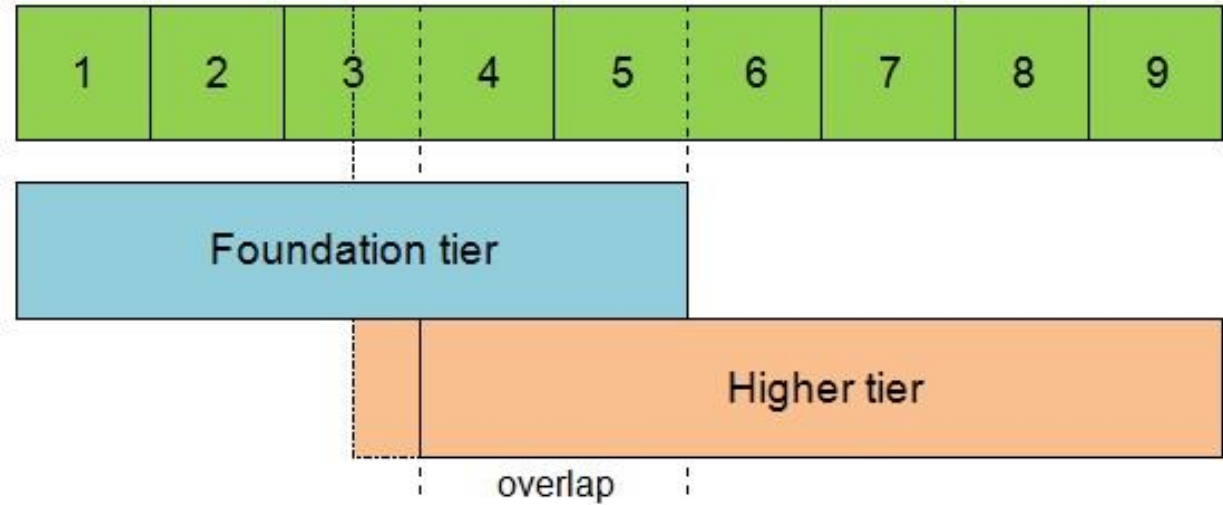
Maths GCSE 9-1



- Exam board – **Edexcel**.
- Three equally-weighted written examination papers.
- Paper 1 is a non-calculator exam, 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.



Tiering



- Two tiers of entry for Maths GCSE
- Higher – Grades 9-4 Foundation – Grades 5-1
- Higher Tier contains additional harder content not assessed on Foundation Tier
- Final decisions about tiering are not made until later in Year 11, but students ‘on track’ for one or the other depending on their set



GCSE 9-1 grade boundaries

- Higher Tier

Grade	2019	2022	2023	2024
4	18%	21%	20%	17.5%
7	57%	65%	60%	57%
9	83%	81%	85%	82%

- Foundation Tier

Grade	2019	2022	2023	2024
4	51%	56%	61%	59%
5	65%	72%	75%	73%



Year 10 and 11 class information

10L1	
10L2	
10L3	10L4
10L5	10L6

Groups 1, 2, 3 & 4 are working towards entry on Higher.

Groups 5 & 6 are working towards entry on Foundation.

10R1	
10R2	
10R3	10R4
10R5	10R6

Groups are NOT fixed and are reviewed after each CAT.



Weighting

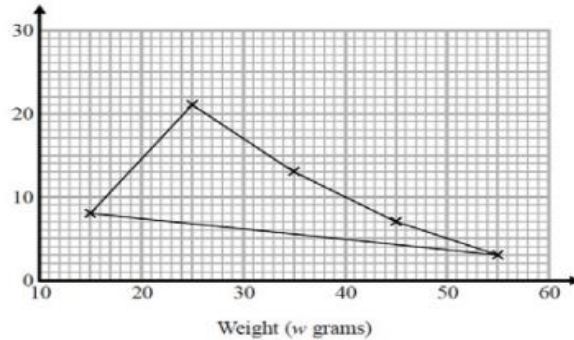
	Foundation Tier	Higher Tier
Number	25%	15%
Algebra	20%	30%
Ratio, proportion and rates of change	25%	20%
Geometry and Measures	15%	20%
Statistics	15%	15%
Probability		

GCSE 9-1

21 The table shows some information about the weights of 50 potatoes.

Weight (w grams)	Frequency
$10 < w \leq 20$	6
$20 < w \leq 30$	21
$30 < w \leq 40$	13
$40 < w \leq 50$	7
$50 < w \leq 60$	3

Iveta drew this frequency polygon for the information in the table. The frequency polygon is **not** fully correct.



Write down **two** things that are wrong with the frequency polygon.

- 1.....
-
- 2.....
-

(Total for Question 21 is 2 marks)

14 Saffron wants to work out an estimate for the total number of fish in a lake.

On Friday, Saffron catches 180 fish from the lake. She puts a tag on each of these fish and puts them back into the lake.

On Saturday, Saffron catches 305 fish from the same lake. She finds that 45 of the 305 fish are tagged.

Work out an estimate for the total number of fish in the lake.

.....
(Total for Question 14 is 3 marks)

- Greater emphasis on problem solving
- Greater requirements to apply techniques
- Range of question types; some questions will be set in both mathematical and non-mathematical contexts



What we know works

- Being ready for every lesson
- Attempting all classwork and homework
- Taking responsibility for their own learning
- Creating a workspace free from distractions
- Students bringing all their own equipment (especially a calculator NOT an iPad)
- Regular assessments and mock exams, resources for revision including past papers



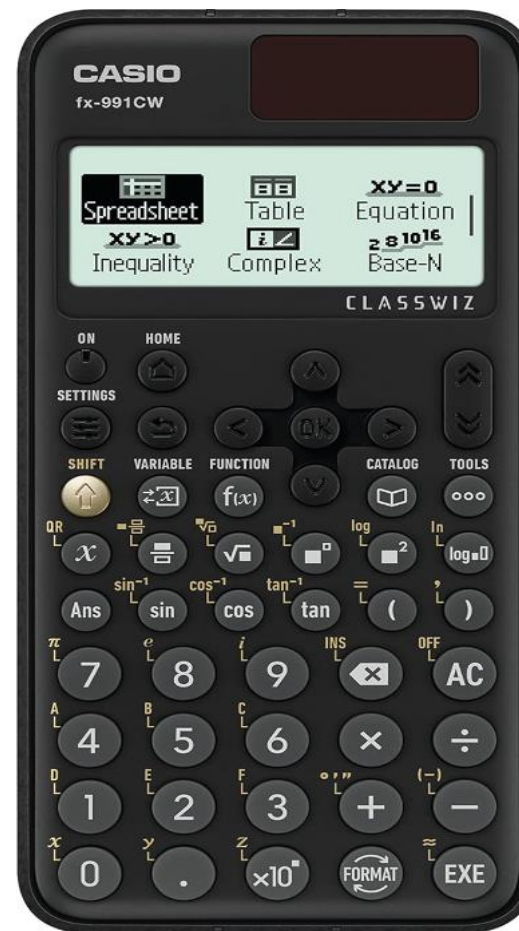


Which calculator?



Casio fx-
83GT CW

This calculator can be purchased via [Arbor School Shop](#) for a discounted price of £20.75. If you would like to purchase, please select this product from Arbor Shop (via Arbor Parent app) by Friday 27 September.

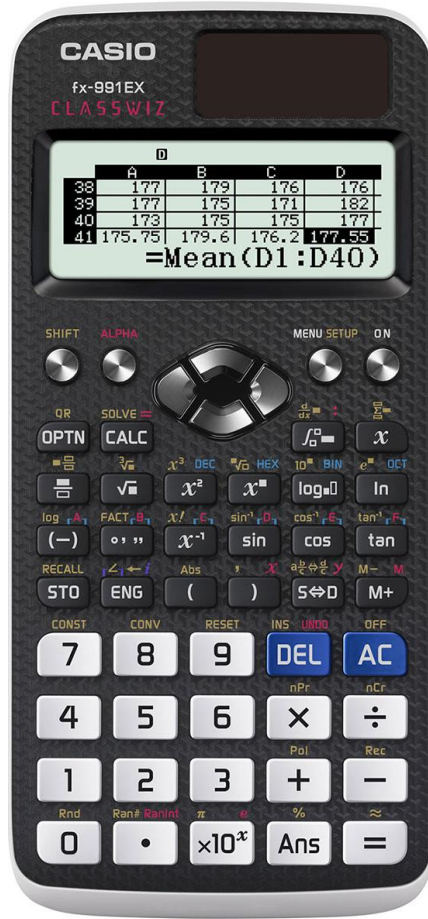


Casio fx-
991 CW

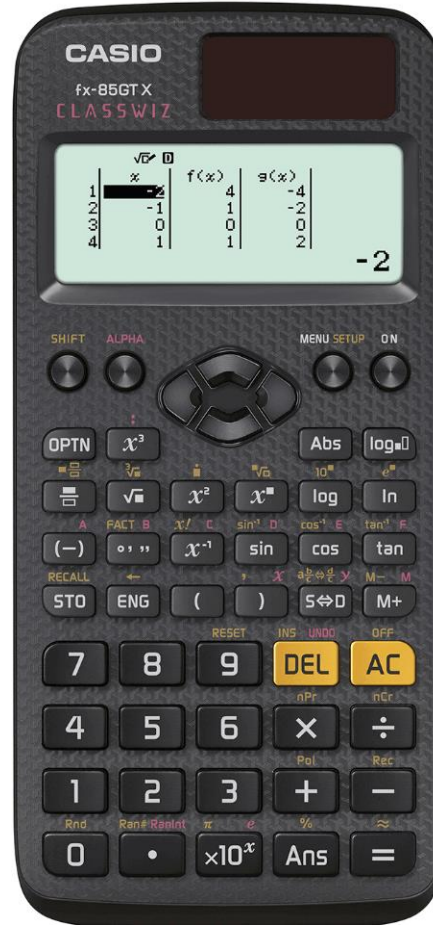
This is ideal if you plan to study GCSE Further Maths, or any Maths course in 6th Form



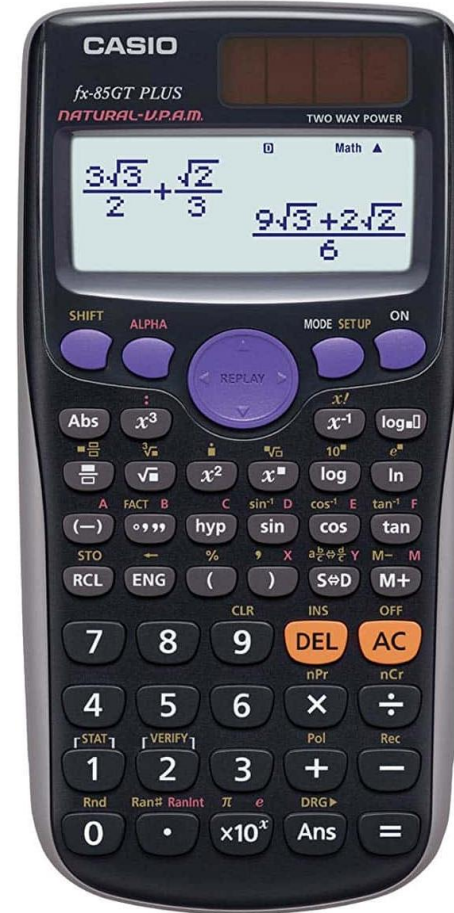
These are the previous models



Casio fx-991EX



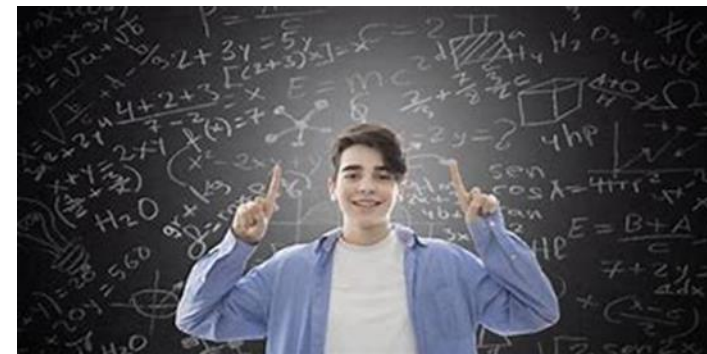
Casio fx-85GT X



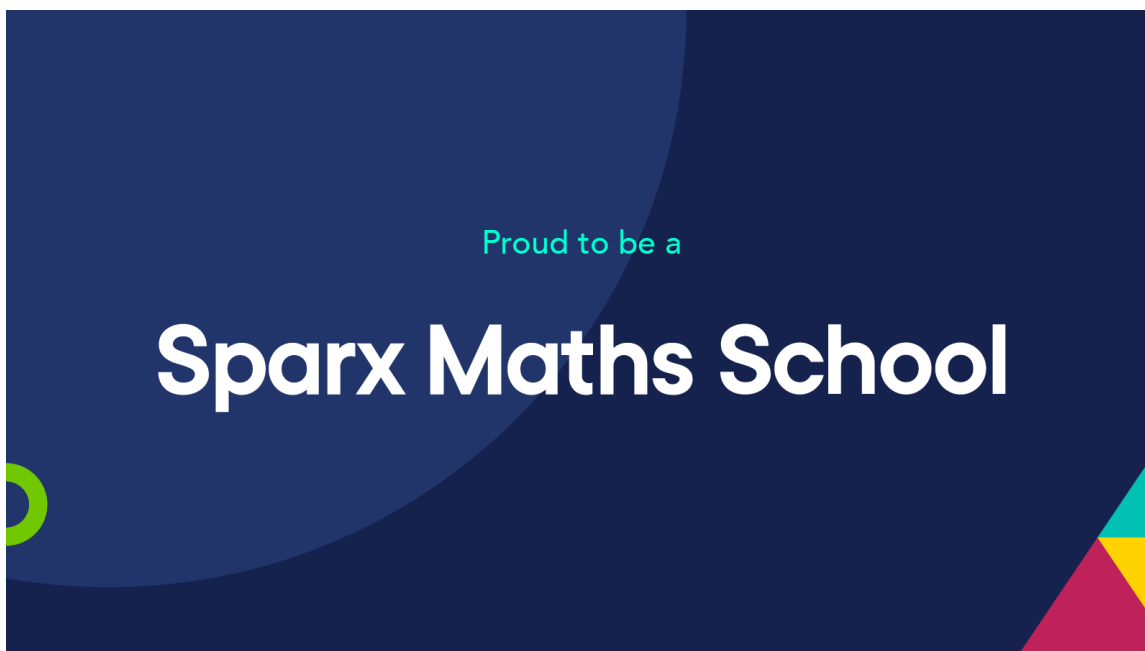
Casio fx-85GT PLUS



Home Learning



- Please ensure your child completes their weekly assignments.
- Up to 60 minutes of home learning on Sparx Maths.
- Up to 20 minutes on 'skills tasks' – these are designed as retrieval style questions, and are personalised for each of the sets/groups in Year 11.



1) Solve the simultaneous equations $5x - 3y = 34$ and $3x - 4y = 27$	2) Given that $57 \times 67 = 3819$, work out 5.8×67
3) Expand and Simplify $(2x - 7)(3x + 2)$	4) Calculate the arc length of a sector of a circle with radius 3 cm and sector angle 270° . Leave your answer in terms of π
5) Work out $1\frac{2}{3} \div 1\frac{1}{2}$	6) Evaluate $64^{-\frac{1}{3}}$



Key Year 10 Maths dates

- Level 1 Functional Skills examinations – November 2024.
- Level 2 Functional Skills examinations – March 2025.

- Functional Skills – a huge support in getting students to achieve a Grade 4 or 5 last academic year.

Functional Skills
Maths Level 2





Key Takeaways

- Invest in a new scientific calculator, if your child does not already own one.
- Ensure your child completes their weekly Sparx and Skills Task homework every week.



Please get in touch if you have any questions



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