



HARROGATE
GRAMMAR SCHOOL
EXCELLENCE FOR ALL



Key Stage 4 Supporting Success Information Evening

KS4 Results Overview

	2023 %9-5	2019 %9-5		2023 %9-4	2019 %9-4
Basics En/Ma	67	61		86	81
EBacc	43	39		57	51

- 82% of students gained 5 standard passes including En & maths (2019 – 77%)
- 64% of students gained 5 strong passes including En & maths (2019 – 58%)
- 21% of grades were at 9 or 8 – 530 grades – **National = 16.9%**
- 10% of grades were at 9 – 245 grades – **National = 4.9%**

205/284 joining Sixth Form



GCSE English Language
93% 9-4 P8 0.56

GCSE English Literature
90% 9-4 P8 0.28

Charlotte Lythe

Programme Leader for Ks#S4



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 Level 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 Yr10, Level 2 in Yr11

English Literature Paper 1

Shakespeare and the 19th Century Novel

- One Shakespeare play ('Romeo and Juliet')
- 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

Main changes from previous syllabus



No alternative pathways – all follow the same course and sit the same examinations.



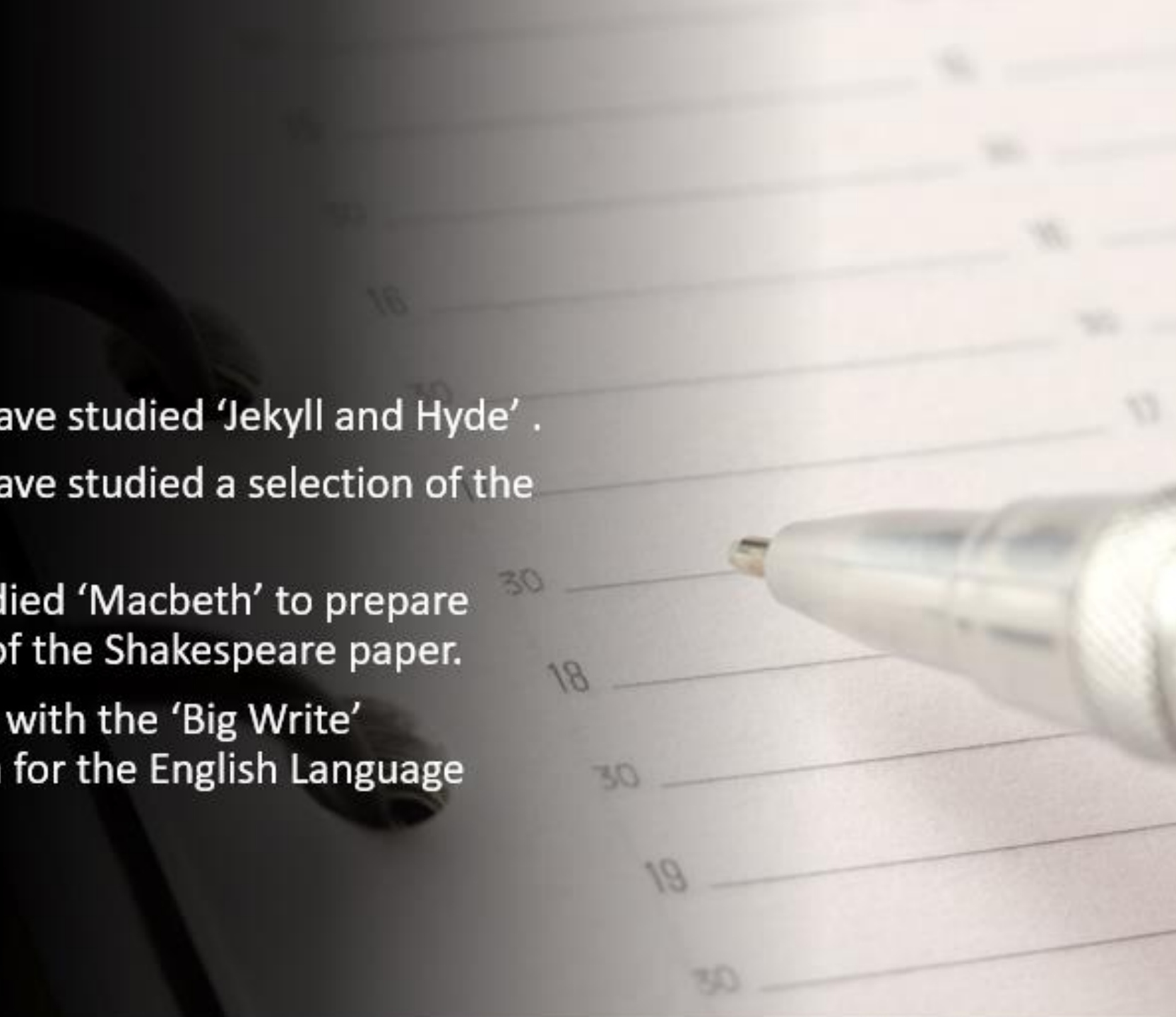
No controlled assessment element – qualifications awarded by examination at end of Year 11 only.



Closed book examinations – students do not take the texts in with them.



Progress to date

- All Year 9 into 10 students have studied 'Jekyll and Hyde' .
 - All Year 9 into 10 students have studied a selection of the GCSE poems.
 - All Year 9 students have studied 'Macbeth' to prepare them for the requirements of the Shakespeare paper.
 - All KS3 students are familiar with the 'Big Write' assessment, preparing them for the English Language writing requirement.
- 

Grading the New GCSEs introduced in 2017

Levels 1-9

Grading the New GCSEs in 2017



NEW GCSE GRADING STRUCTURE										
9	8	7	6	5	4	3	2	1	U	
										CURRENT GCSE GRADING STRUCTURE
		A*	A	B	C	D	E	F	G	U

Home Support

- Support for completion of home learning and home based organisation.
- Check the literacy of your child's writing.
- Purchase student copy of set texts if they want to make notes directly on to the texts. (Information on editions will be sent home.)
- Encourage students to read widely – set texts, fiction and non-fiction texts. There is a greater emphasis on Nineteenth Century texts particularly in the English Language section. (Reading list available on our website)
- Continuity of attendance to lessons.
- Encouraging the development of own opinions through independent learning e.g. use of revision guides, websites (for example BBC, OAK National Academy), discussions about current events and how they link to ideas and themes in set texts.

Yr11 student comment

“Hello Sir,

I would love to share what I did to revise and what I found useful.

I found that writing practice questions/ papers every week (during class and at home) and getting them marked helped me to learn the structure of the exams and allowed me to improve. I was able to recognise my mistakes and receive constructive criticism for next time.

I used my time outside of school to continue to use online resources, make flash cards and posters on themes and quotes. This led me to eventually start a routine of completing past papers. In addition, it increased my confidence during lessons and for the final exams.

The continued support from teachers let me know that I could always ask for help when I needed it.

Thank you again for your support. ”



KS4

Supporting Success

Maths





KS4 Maths – Key Contacts



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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	2023	National 2023
9%	10	3
% 9-8	21	10
% 9-7	30	17
% 9-6	48	27
% 9-5	71	43
% 9-4	89	61



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Legacy

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

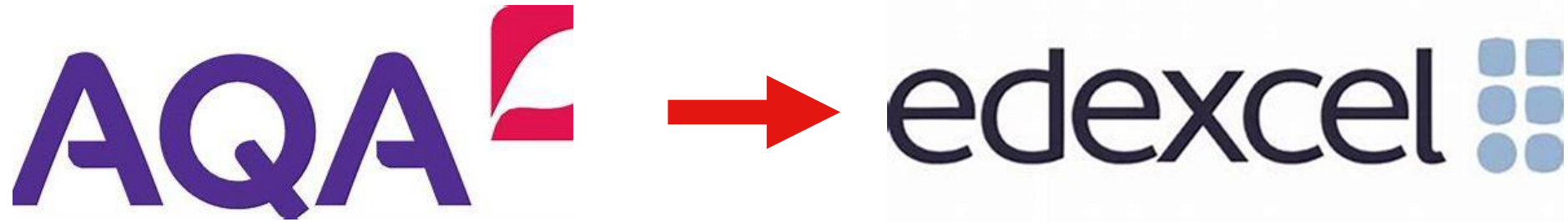




Maths GCSE 9-1



- 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.

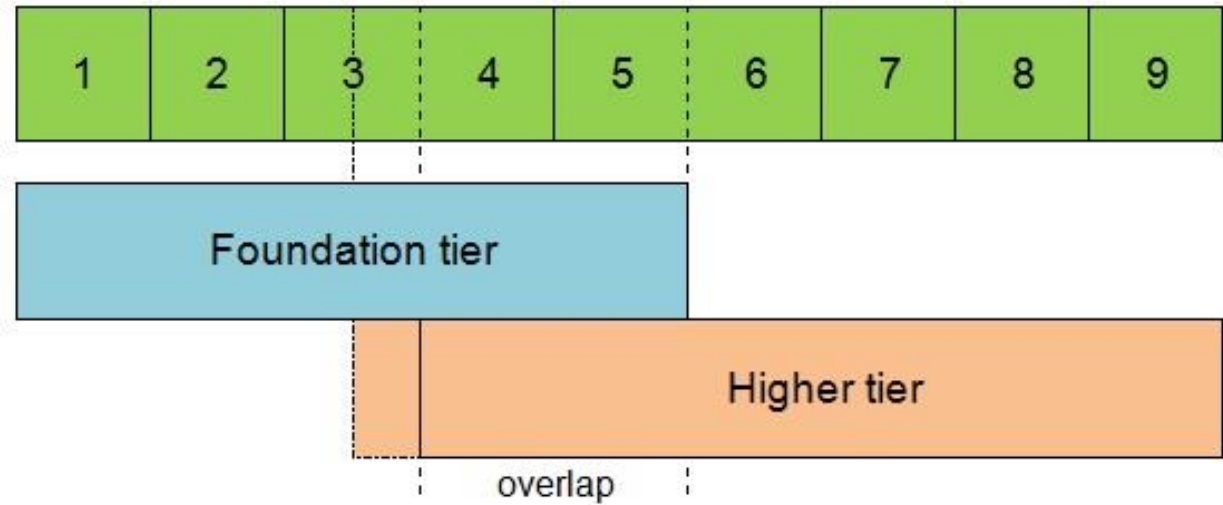


Why Edexcel?

- Clear, accessible, well-designed assessments
- More help with preparing your child for the 9-1 exam
- Continued support throughout the qualification
- Our Faculty consists of staff who mark for the exam board
- Post-results support to help us understand student results
- Resources that nurture confidence in mathematics



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
4	18%	21%	20%
7	57%	65%	60%
9	83%	81%	85%

- Foundation Tier

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



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

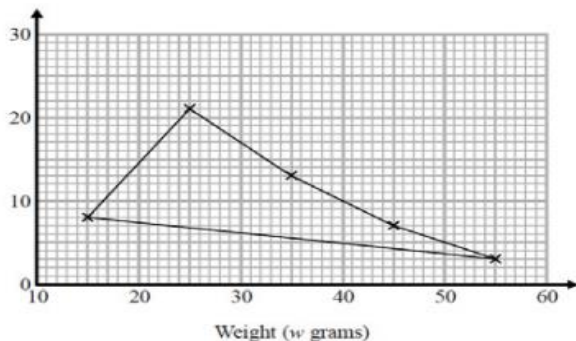
	Foundation Tier	Higher Tier
Number	25%	15%
Algebra	20%	30%
Ratio, proportion and rates of change	25%	20%
Geometry and Measures	15%	20%
Statistics	15%	15%
Probability		

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?

We recommend the Casio fx-991CW – this has replaced the fx-991EX



The Casio fx-991 CW ClassWiz is the new upgraded version of the Casio fx-991 EX (Casio's most advanced scientific calculator), containing additional features, to include a high definition display and improved menu navigation. Approved for Key stages 3, 4 and 5, recommended for Advanced GCSE, A/AS level and Highers. Allowed in every UK exam where a calculator can be used.

The large Natural Textbook Display shows mathematical expressions like roots and fractions as they appear in your textbooks which increases comprehension because results are easier to understand.

- Clip-on on protective hard cover included
- 540+ functions
- Dual powered, solar with battery backup and Auto power-off.
- Free 3 year guarantee included



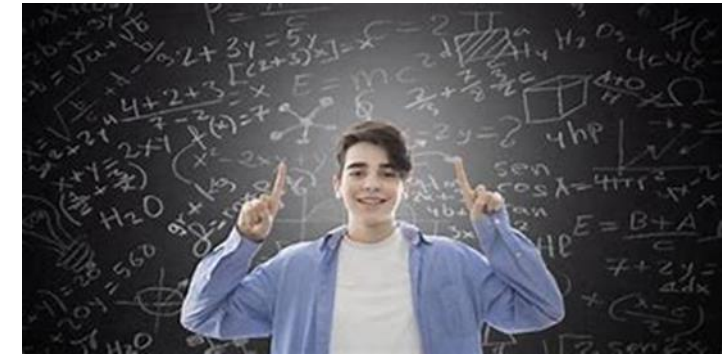
What can you do to help?



- Encourage your child to work outside of lessons and help them to maintain a structure. Curriculum overviews are available on the HGS website.
- Ask them about the work they have been doing.
- Contact between parents, teachers and students.
- Comprehensive programme of additional support and intervention – encourage your child to attend everything that is on offer. Details to follow. After school sessions, as well as timetabled additional intervention.



What can you do to help?



- Complete independent work on Sparx

Proud to be a

Sparx Maths School



Please get in touch if you have any questions



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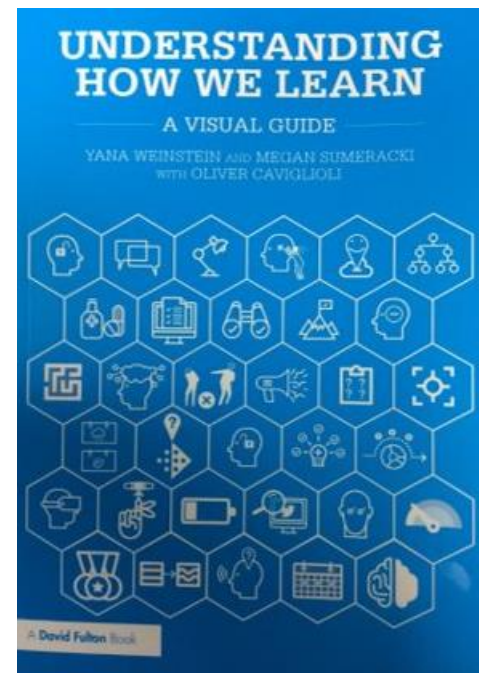
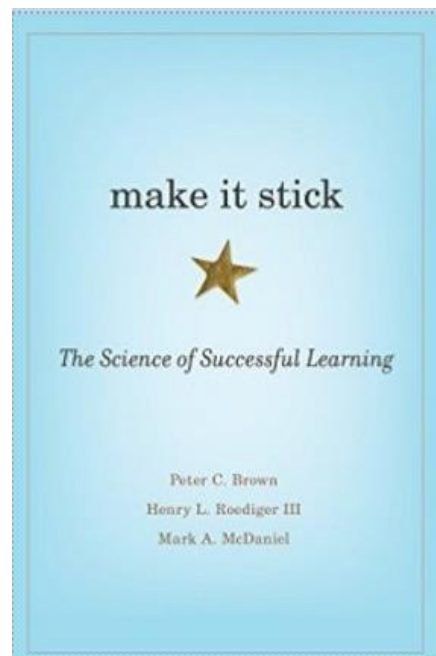


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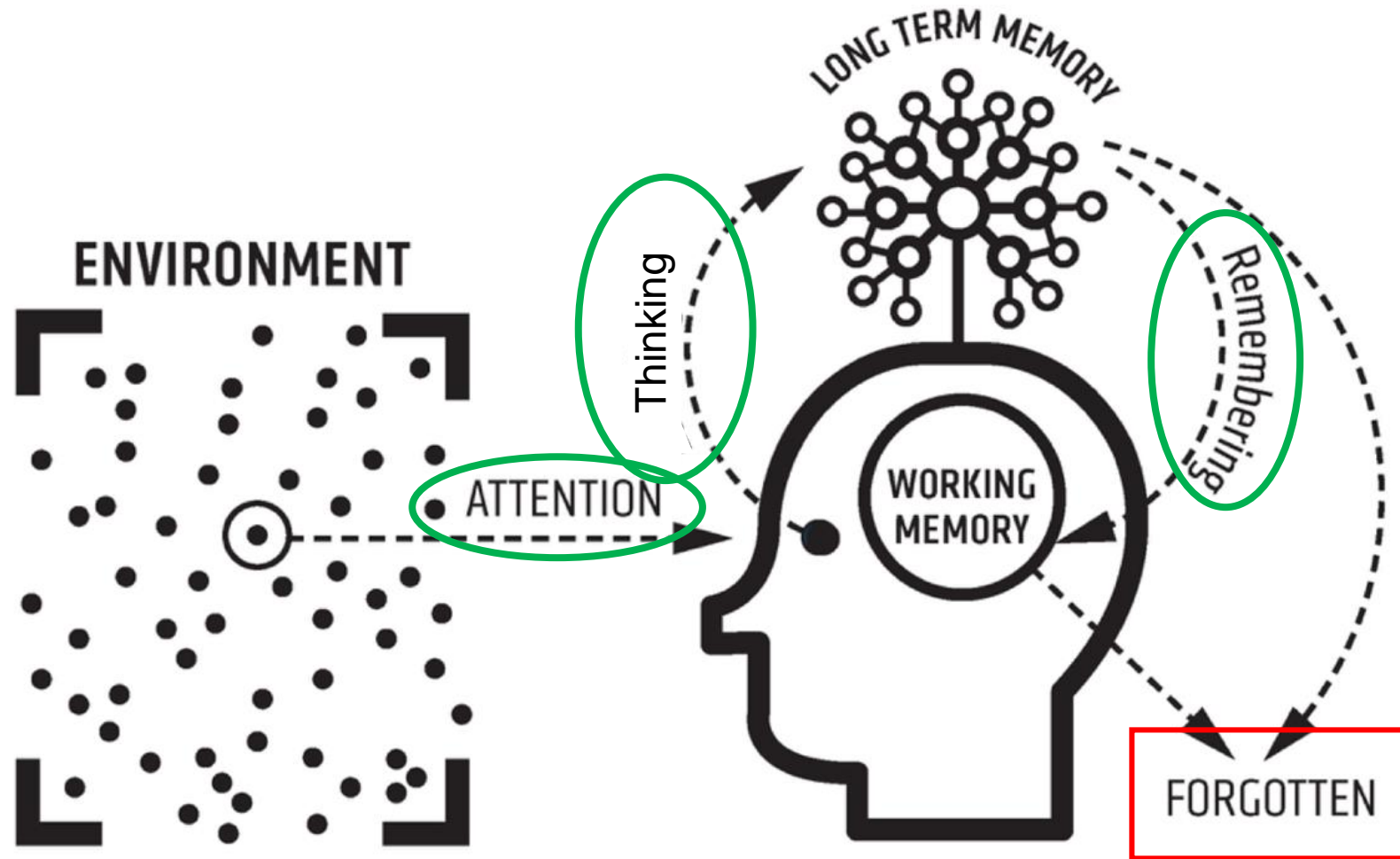


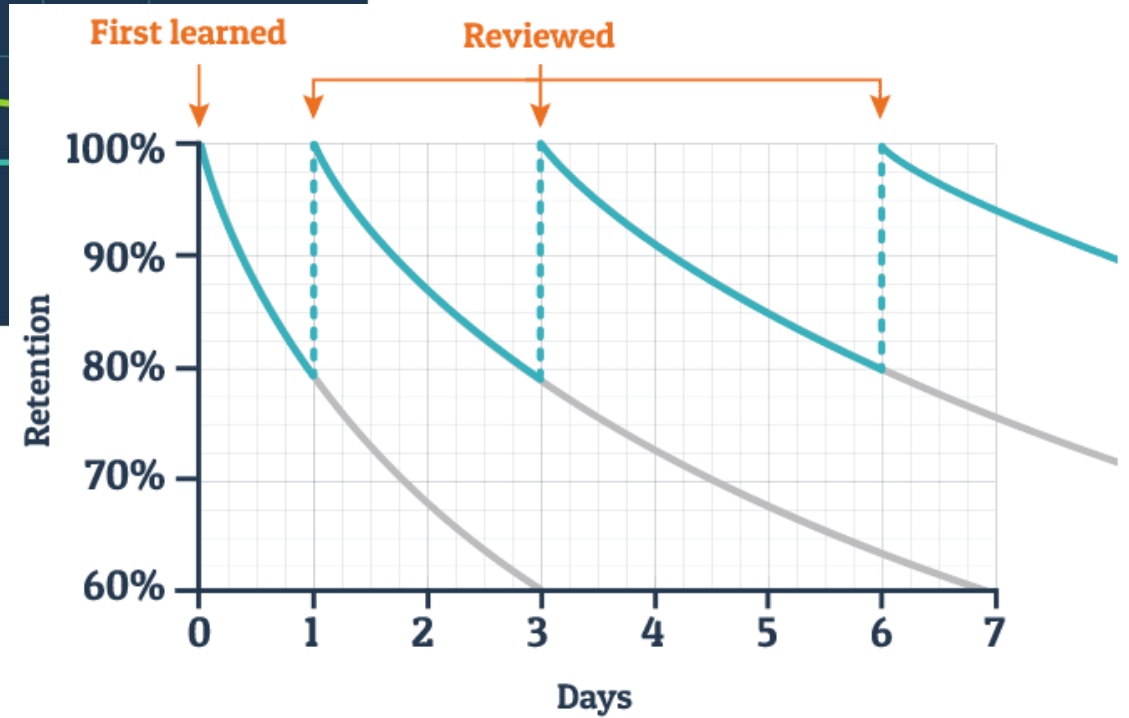
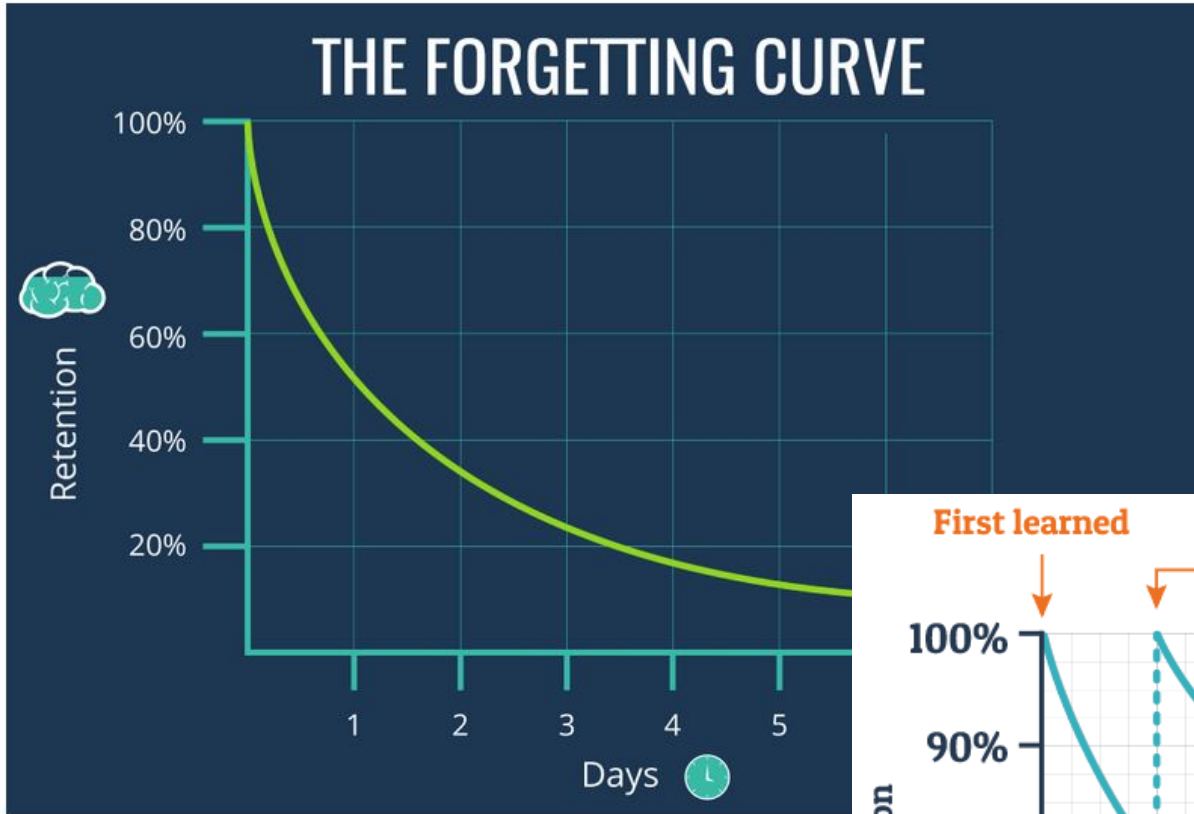
Making Learning Stick

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



'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

Attempting practice questions then marking your answers

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

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



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



Questions and Answers

Question	Answer
Which calculator is best for students?	Casio FX991CW
Are there any poems we can purchase?	The students are provided with a brand new anthology book in Year 10.
Are there any revision sessions?	Yes, these will take place in the Easter break and May half term for Year 11 students.
Which revision guides should we purchase?	A separate letter will be sent to parents in the next couple of weeks detailing the recommended revision guides for each subject.
Is there a timetable for interventions/additional support?	Yes, this will be sent to all students later this term. Some students will be asked to attend certain sessions which should take priority. We have tried to space out all subjects as much as possible to ensure students can attend as many as they can.
When will the Year 11 curriculum content be complete?	Subjects will finish at different points depending on the volume of the content. English should be taught by Christmas and then they will be revising. Maths Foundation content has already been covered. Higher content, the majority of the content will be finished by the mock exams, all content will be covered by March.