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LEARNING TRUST

Year 11 Supporting Success at GCSE

Thursday October 3rd 2024

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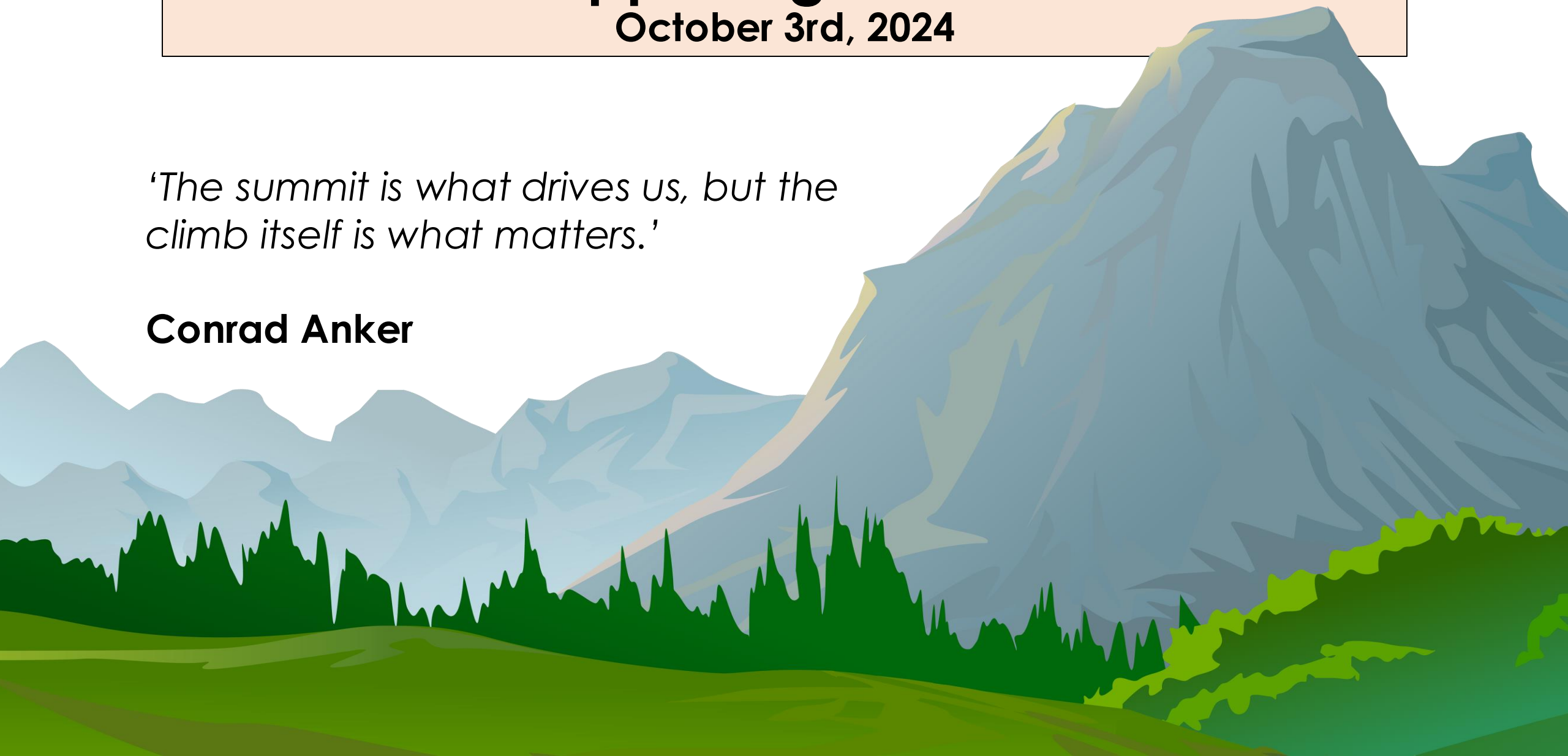
Year 11 - Supporting Success at GCSE

October 3rd, 2024

'The summit is what drives us, but the climb itself is what matters.'

Conrad Anker



9 to 1
GCSE

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Year 11 - Supporting Success at GCSE

- General information about GCSEs
- What are the ***real*** keys to success?
- What does effective preparation look like?
- What support is available?

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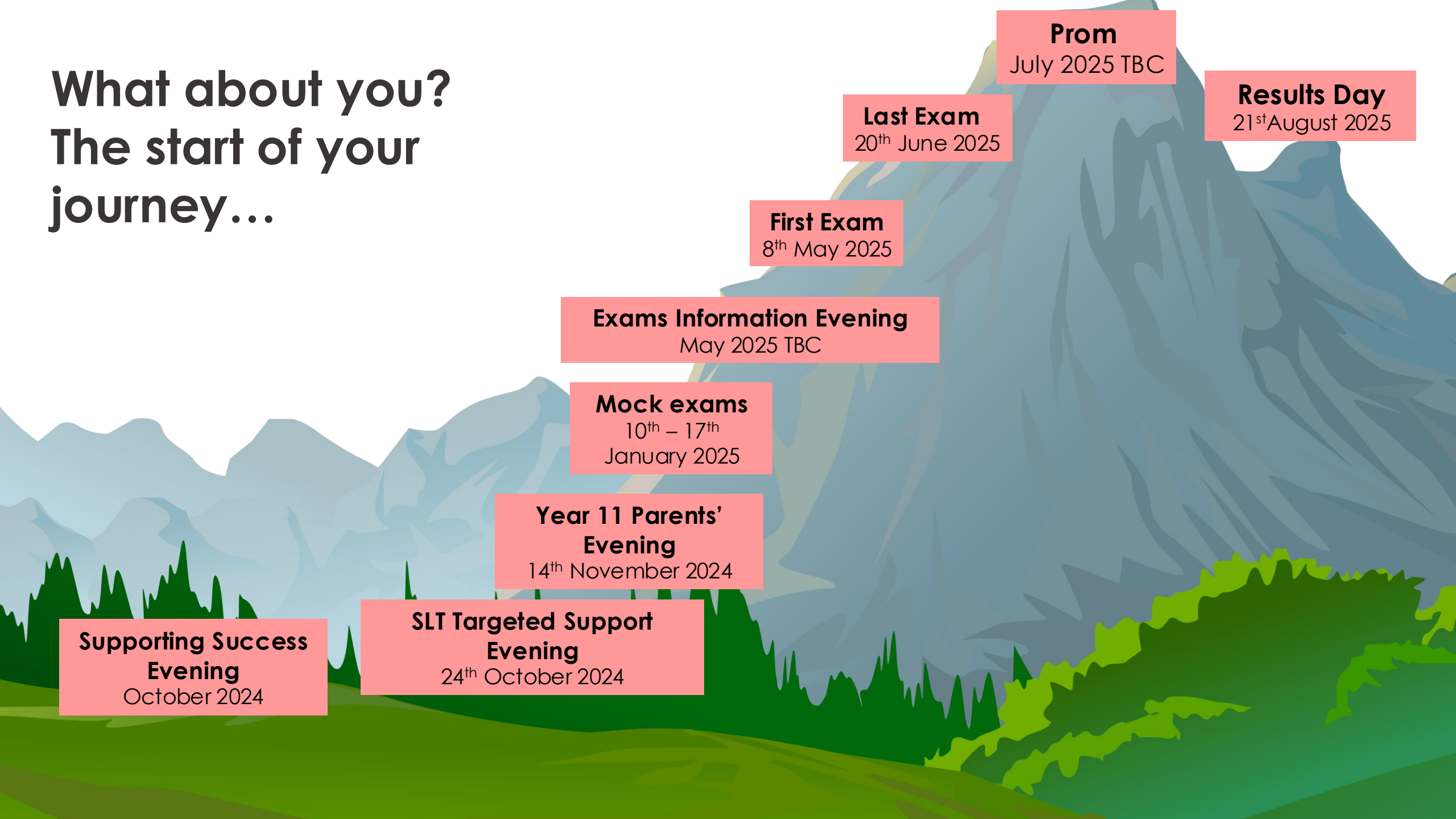
What about you? The start of your journey…



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How has GCSE changed in the last 5 years?

Pre-pandemic grade boundaries	**No early entry in Year 10**
2-year GCSE course instead of 3-year	**Exam support removed** (Apart from Physics equation sheets)
COVID-19 Disruption in Year 6	**Memory Burden** Quotes/poems

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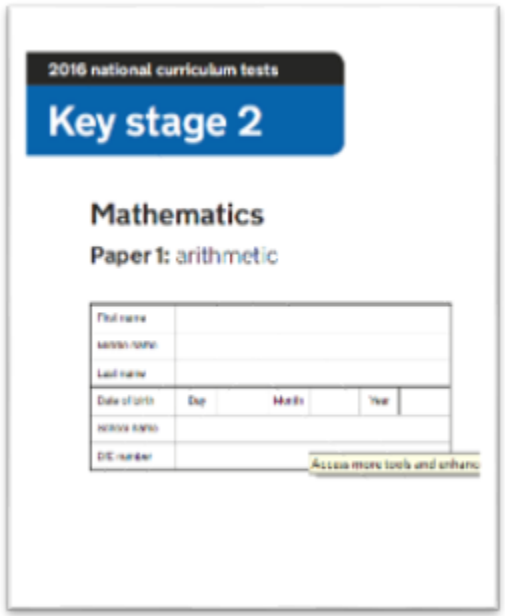
Target Grades: Normally…



Scaled score

Generate a GCSE Target

TARGET GRADES
English = 6
Maths = 5
Science = 6

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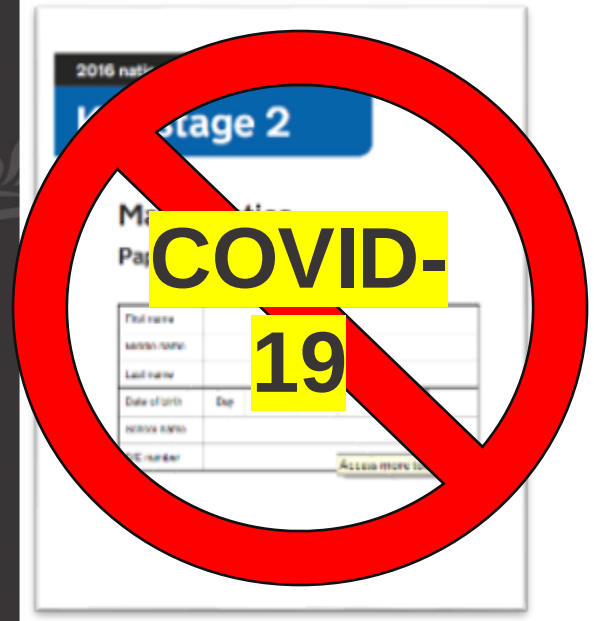
Target Grades: Year 10



Scaled score

FFT

Generate a GCSE Target

TARGET GRADES
English = 6
Maths = 5
Science = 6

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Target Grades: Year 10

CAT Tests

CAT score → FFT → Generate a GCSE Target → TARGET GRADES
English = 6
Maths = 5
Science = 6

Cognitive
Ability
Tests

- Not hugely reliable
- Better than nothing
- Not an indication of how well you will do
- We are happy to raise them if you want us to, but we won't lower them.
- Please email stonec@rs.rklt.co.uk if you wish to raise them.

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Target Grades: Caution

Qualification Name	Target Grade	Grade
English Language	6	3
Maths	7	5
Combined Science	66	43
Combined Science	66	43
Geography	6	3
Computer Science	6	2
English Literature	6	2
French	5	2
iMedia	L2D	L1M
PE GCSE	6	2

Qualification Name	Target Grade	Grade
English Literature	5	8
Maths	5	6
History	5	7
Biology	5	6
Chemistry	5	5
English Language	5	6
Philosophy & Ethics	5	6
Art	5	5
French	4	5
Physics	5	5

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How can you tell how well your child is doing?

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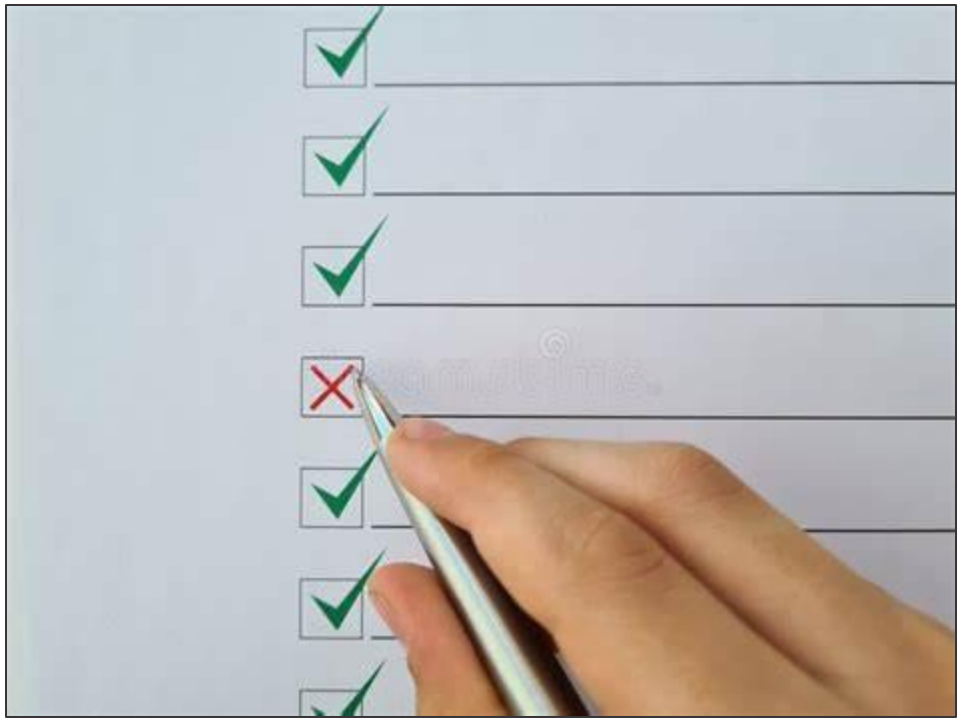
Check their success rate in daily quizzes



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What does it take to be successful?

How did this student do this?

Qualification Name	Target Grade	Grade
English Literature	5	8
Maths	5	6
History	5	7
Biology	5	6
Chemistry	5	5
English Language	5	6
Philosophy & Ethics	5	6
Art	5	5
French	4	5
Physics	5	5

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The Keys to GCSE Success

Attitude to learning

Attendance above 96%

(Max 5 days off in the year)

Being on time

Effective revision

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Attitude to learning

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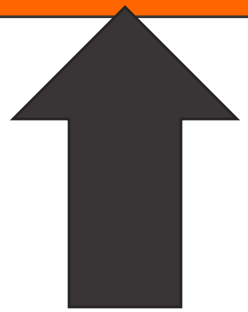
Attitude to learning

Respect	Ready	Responsibility	Resilience	Reflectiveness
5	2	3	4	4



This is a very important score to be aware of

Equipped for learning
Arriving on time
Motivated to learn
Organised

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Look at their books

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Extra: Urban sprawl; houses need to be built, so they are built on the edges of cities, so areas of rainforest have to be cut down. [2]

3 Outline **one** positive economic impact of deforestation.

It is a source of money for [illegible] places/governments can invest in infrastructure, such as schools & hospitals. [1]

When trees are cut down, CO_2 is released into the atmosphere. The CO_2 traps the sun's heat causing global warming.

.4 Outline **two** environmental impacts of deforestation.

Impact 1: Trees absorb CO_2 and [illegible] greenhouse gases. they also release oxygen, however, when a tree is cut down, it releases the stored CO_2 into the atmosphere, this leads to global warming.

You should see lots of GREEN PEN

Impact 2: Soil erosion - as there are no longer trees to protect the soil from wind and rain, it loses the last of its nutrients, then over time dries up and cracks, so its no longer fertile, so the process of deserti[illegible] place.

[illegible] the extent to which deforestation

Model answer:

You should see modelled examples

Firstly, 16a has a higher peak discharge and a shorter lag time because it would likely be in an urban area with lots of impermeable concrete, leading to increased surface run off. Whereas 16b will more likely be surrounded by permeable surfaces such as grass, soil and soft rock allowing most water to infiltrate.

Secondly, there is likely to be more trees in 16b to intercept the rainfall and elongate the lag time, however, in 16a, there will be less vegetation so

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Attendance above 96%

(Max 5 days off in the year)

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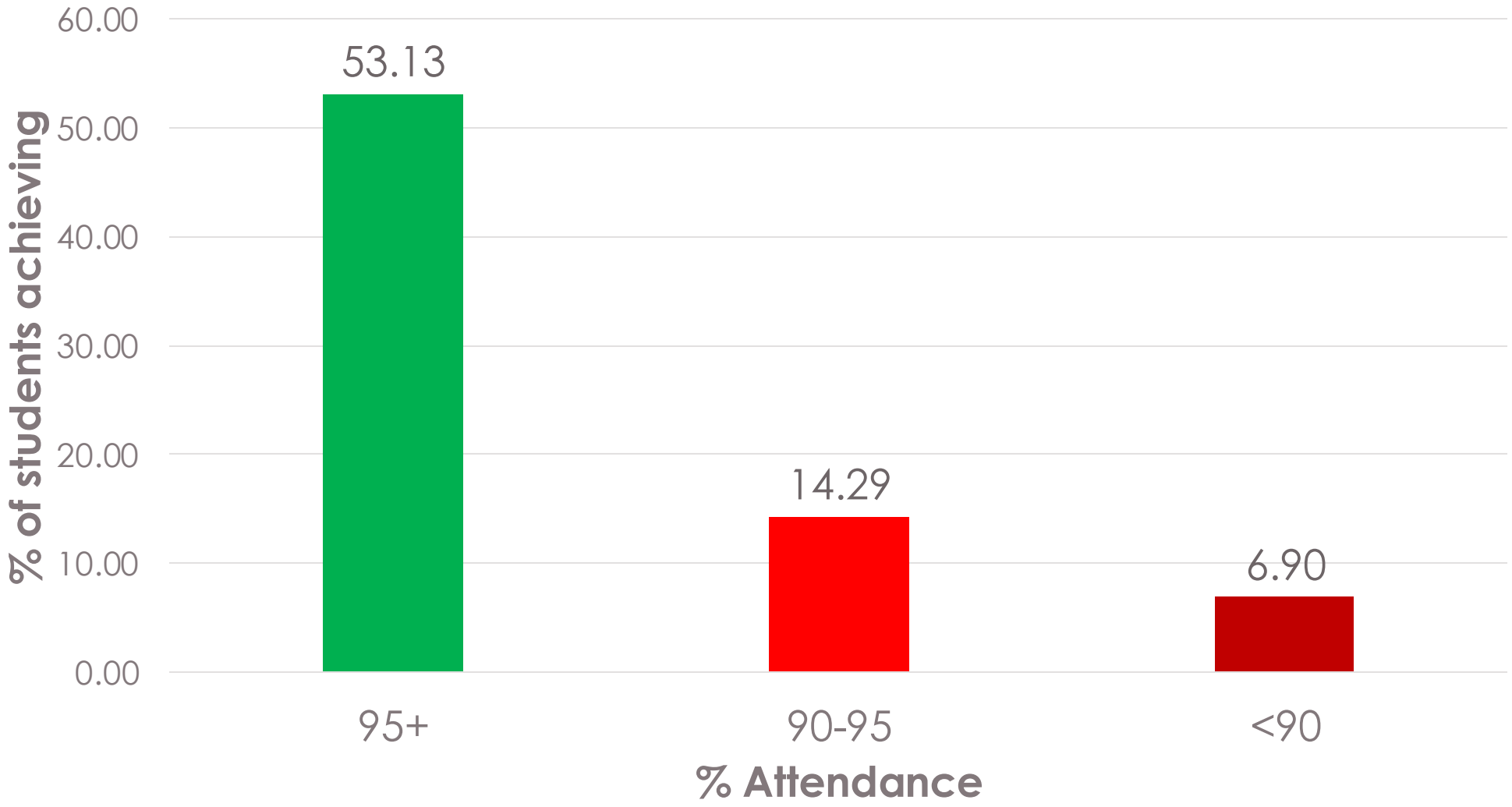
Chances of 5+ Grade 9-5 GCSEs including English & Maths



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Year 11 Student Attendance Groups %	Progress 8 score	% Achieving English and Maths both at Grade 4+
95-100	**+0.53** Well above national average	78
90-95	+0.35	72
85-90	-0.52	50
<85	**-1.35** Well below national average	35

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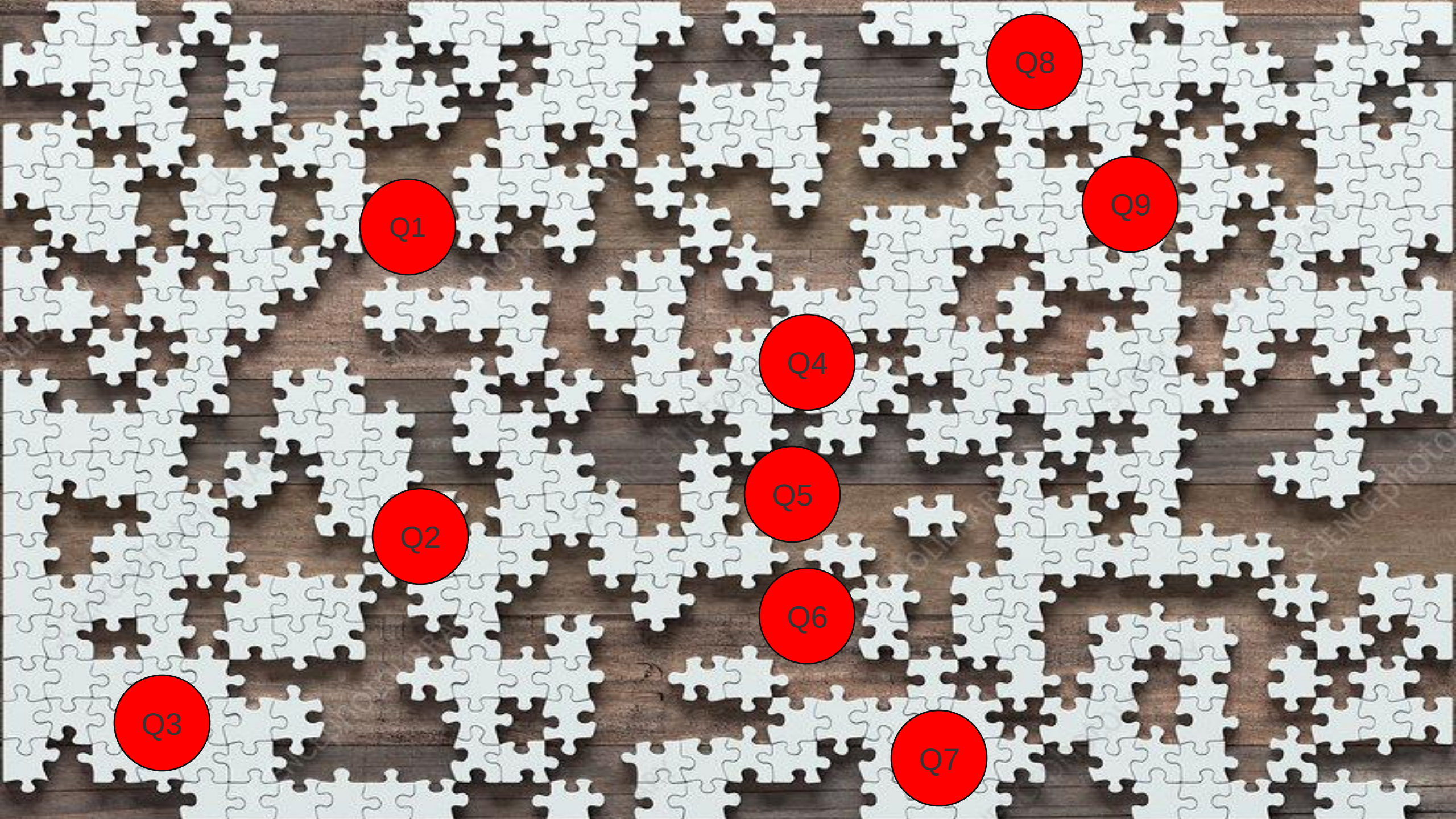
SCIENCE
Don’t allow gaps to creep in…


Q8
Q1
Q9
Q4
Q5
Q2
Q6
Q3
Q7

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Being on time to lessons

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Just 3 minutes late to every lesson

= 15 minutes per day

= 75 minutes per week

= **48 hours per year**

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Just 5 minutes late to every lesson

= 25 minutes per day

= 2 hours and 8 minutes per week

= **81 hours per year (10 school days)**

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First 10 minutes of every lesson

Students pull out what they know with **retrieval** practice

This builds memory for the exams

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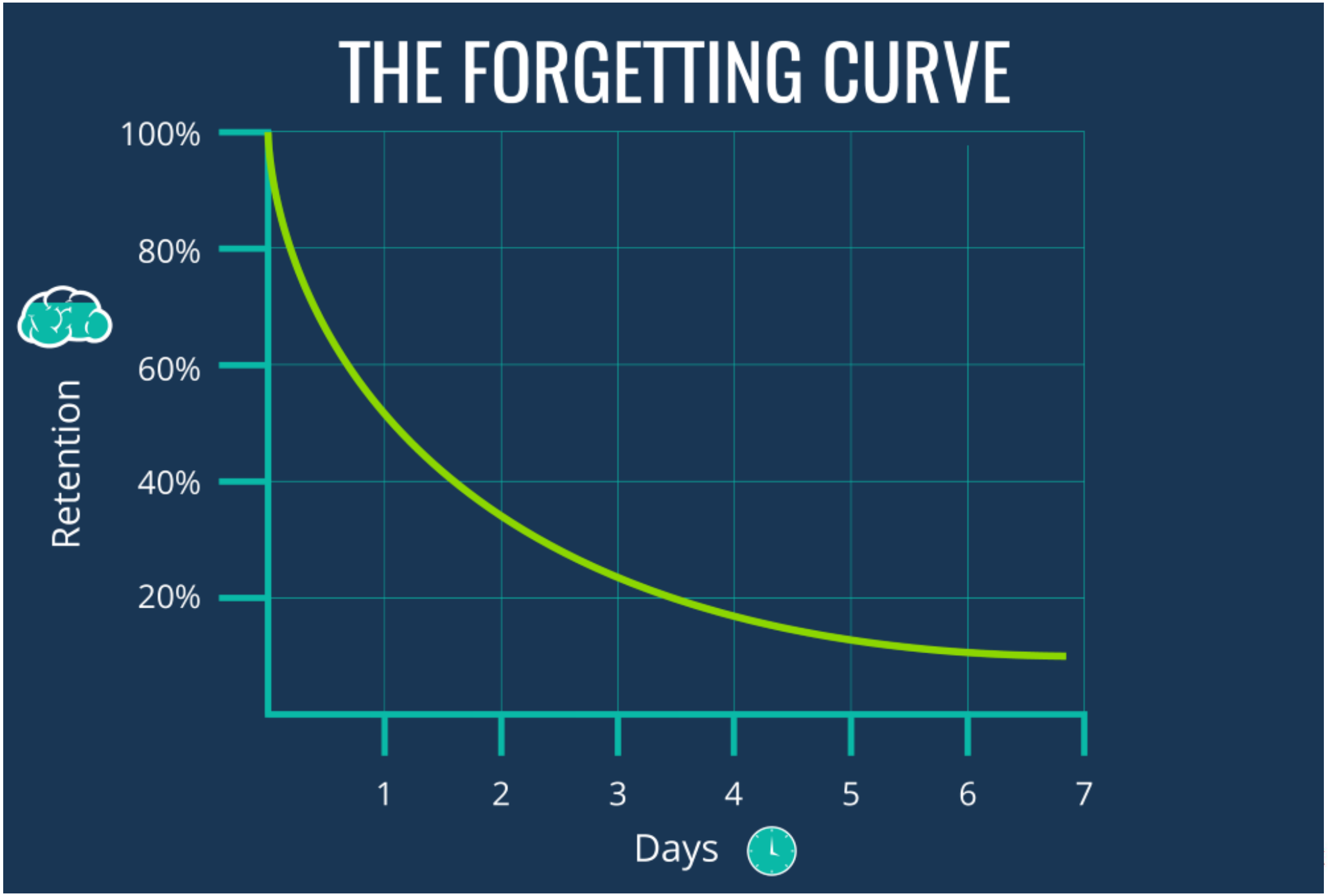
THE FORGETTING CURVE



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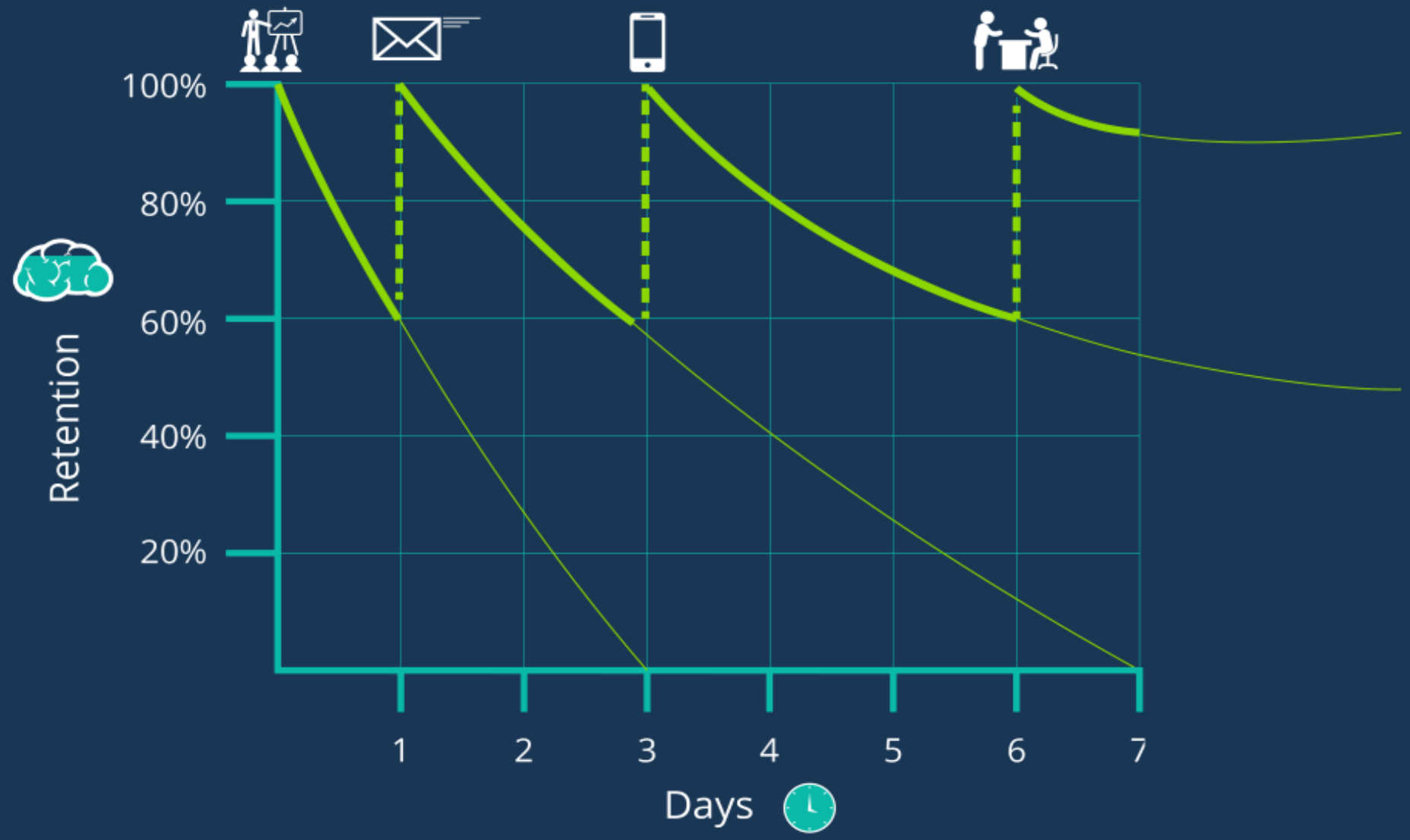
COMBATING THE FORGETTING CURVE



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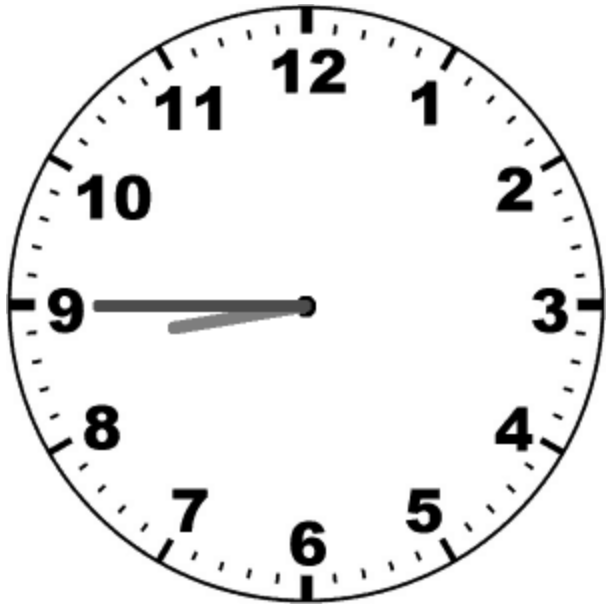
Respect	Ready	Responsibility	Resilience	Reflectiveness
5	5	5	5	5

Our most successful students



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Effective revision

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Ineffective Revision

Research shows that many people use the same handful of popular approaches but that these techniques don't really work effectively.

Re-reading

Highlighting

Note taking

*"These are very **passive** strategies which don't require your brain to actively engage with the material, so while the knowledge may feel familiar the more you look at it, leading you to believe you've learned it, you are **recognising it rather than recalling it.**"*

Newcastle University

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Distractions

Listening to music during revision prevents knowledge retention

Mobile phones and social media will destroy knowledge retention and retrieval ability

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Most effective form of revision – **Repeated self-testing**

FRONT	BACK
What are the main causes of deforestation in the Amazon?	1. **Commercial farming** – large scale farming of palm oil/soya for profit 2. **Logging** – trees cut down to use the wood for furniture, paper, charcoal 3. **Urban sprawl** – population growth is forcing cities to expand in to the rainforest 4. **Mining** – large scale mining projects to retrieve minerals such as iron ore, bauxite

FLASHCARDS

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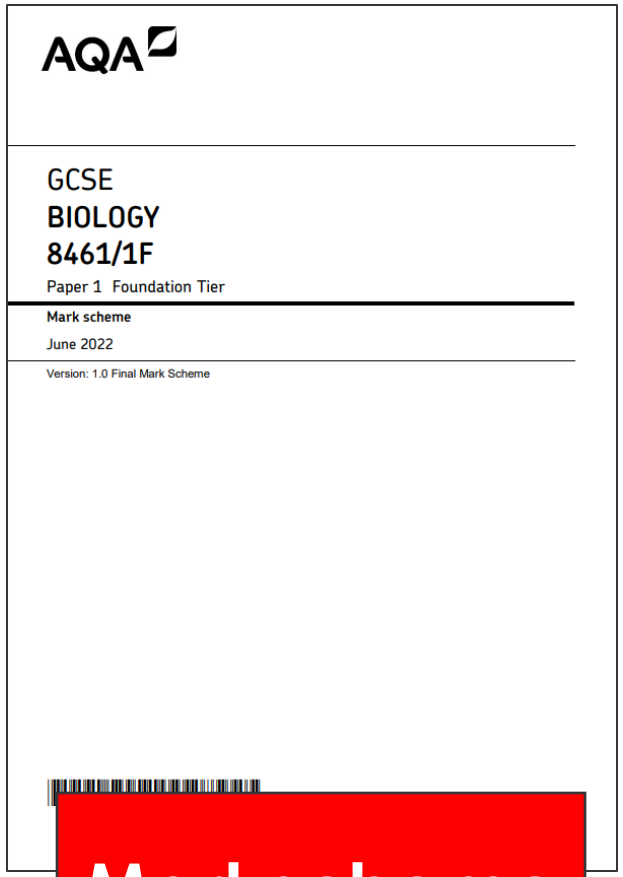
Past papers/workbooks

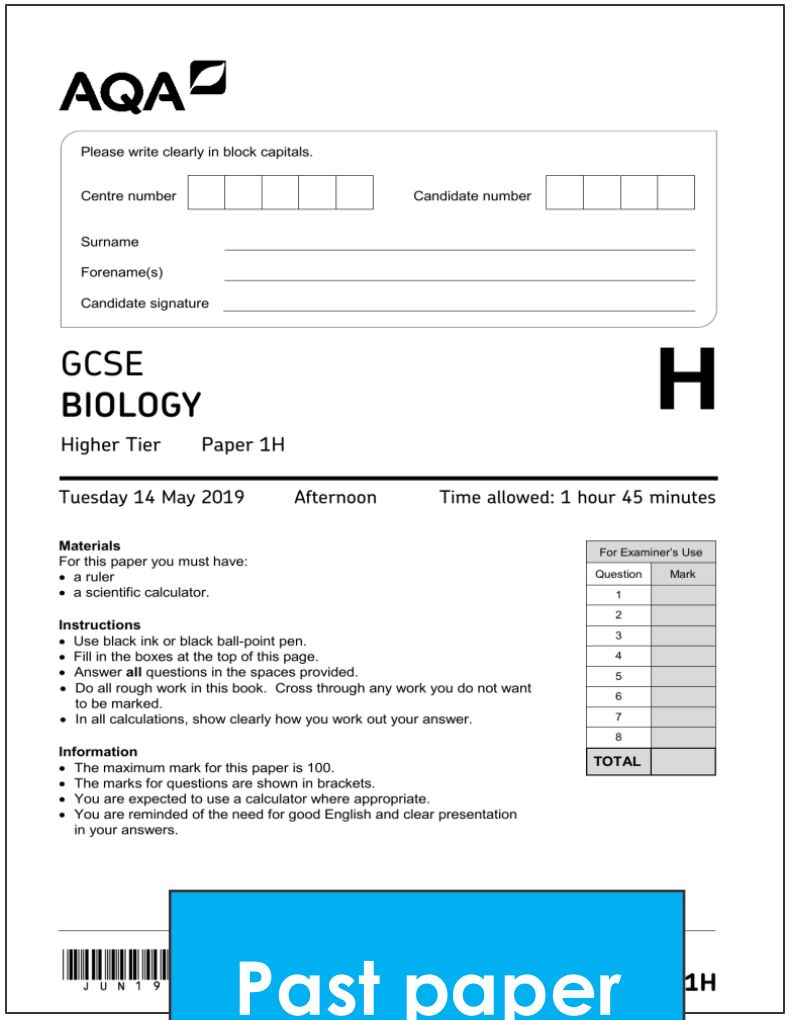

AQA

GCSE
BIOLOGY
8461/1F
Paper 1 Foundation Tier

Mark scheme
June 2022

Version: 1.0 Final Mark Scheme

Markscheme


AQA

Please write clearly in block capitals.

Centre number | Candidate number

Surname

Forename(s)

Candidate signature

GCSE
BIOLOGY
H

Higher Tier Paper 1H

Tuesday 14 May 2019 Afternoon Time allowed: 1 hour 45 minutes

Materials
For this paper you must have:
- a ruler
- a scientific calculator.

Instructions
- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- Do all rough work in this book. Cross through any work you do not want to be marked.
- In all calculations, show clearly how you work out your answer.

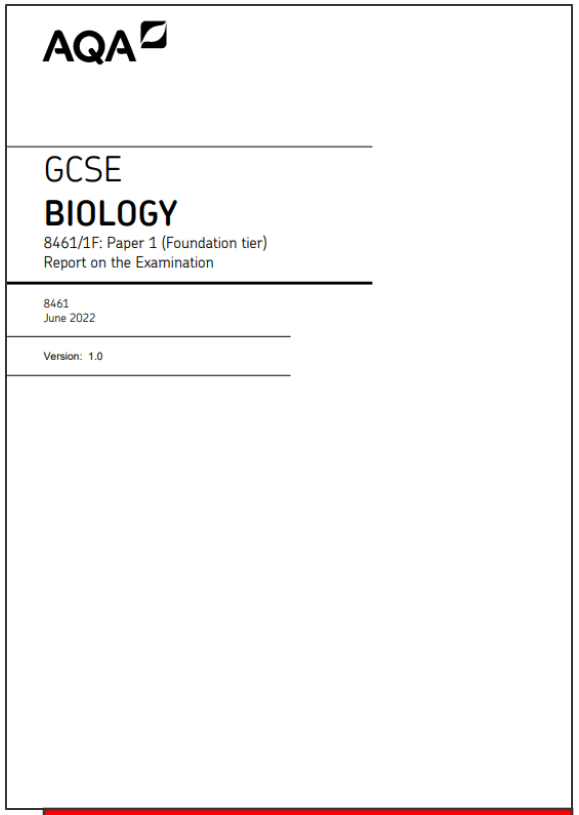
Information
- The maximum mark for this paper is 100.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- You are reminded of the need for good English and clear presentation in your answers.

For Examiner's Use	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
8	
TOTAL	

J U N 1 9

1H

Past paper


AQA

GCSE
BIOLOGY
8461/1F: Paper 1 (Foundation tier)
Report on the Examination

8461
June 2022

Version: 1.0

Examiner's Report

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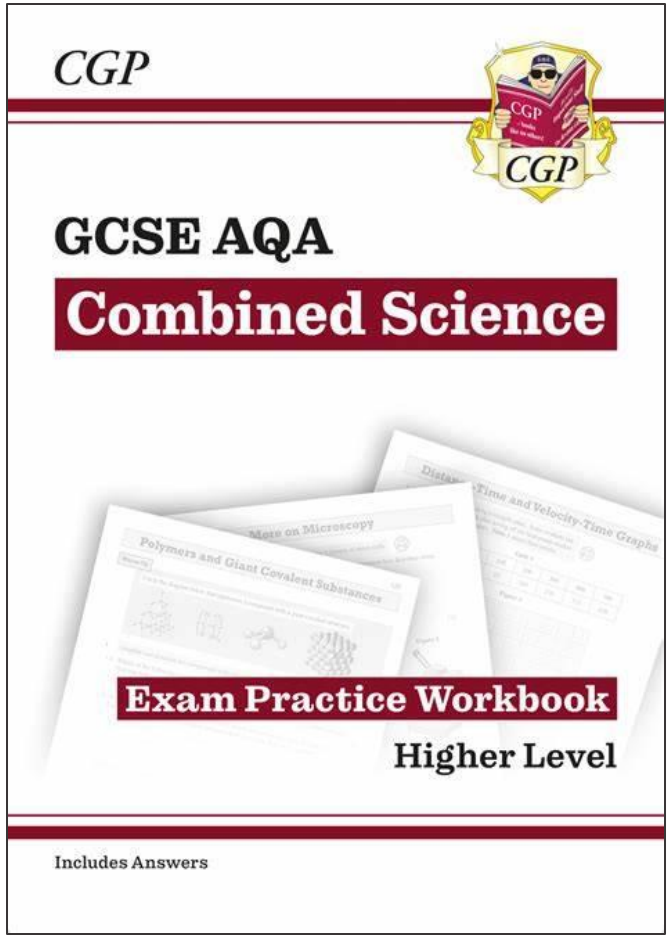
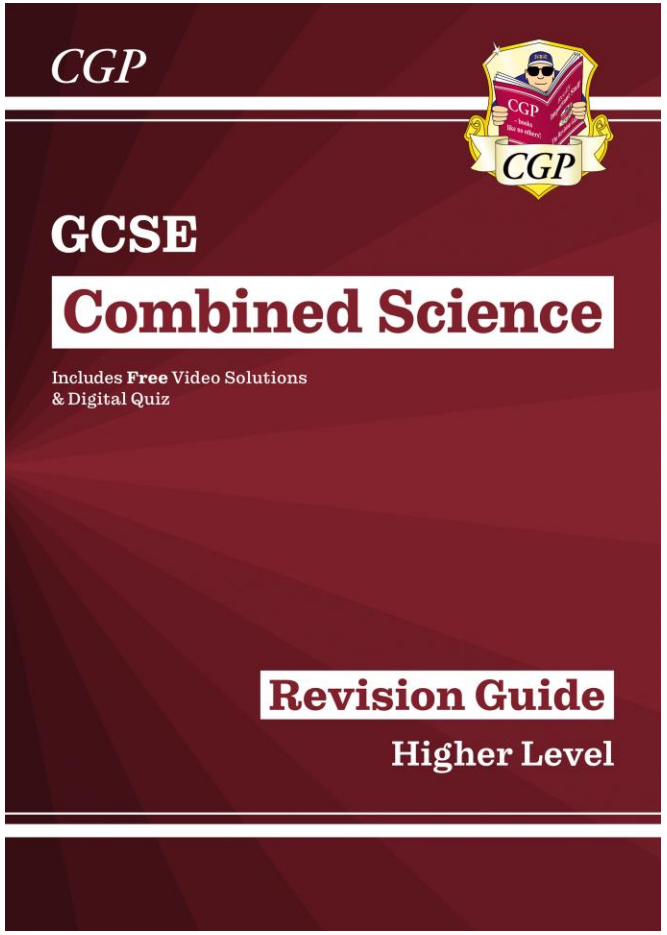
Revision Guides and Workbooks





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Revision Guides and workbooks for sale

- They are cheaper to buy through us
- Or you can order them on SCOPAY

If you need financial assistance, please email grimshawe@rs.rklt.co.uk

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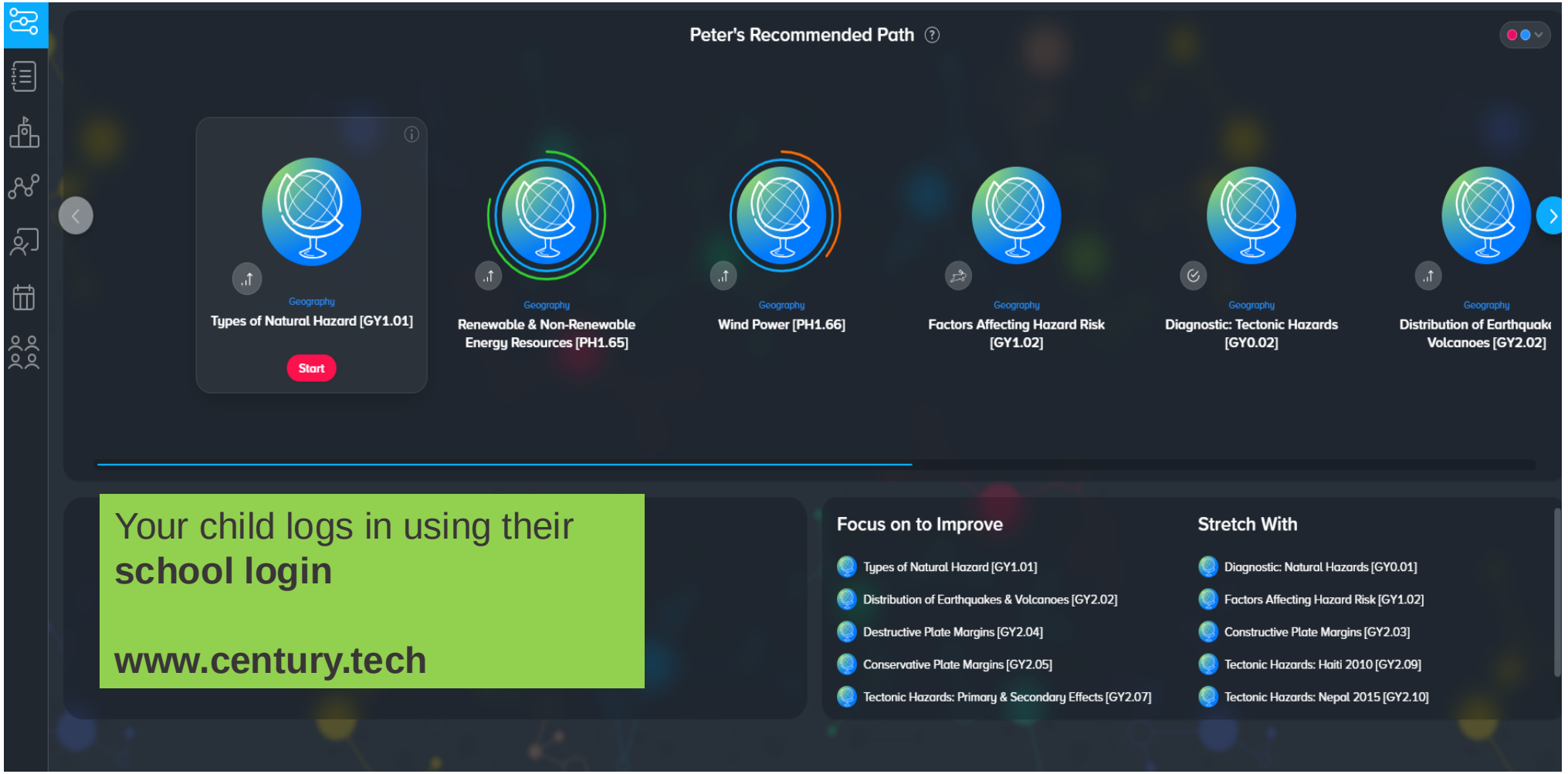
CENTURY

TOP PRODUCT edtech impact SUMMER 2022

10× national average grade improvement*



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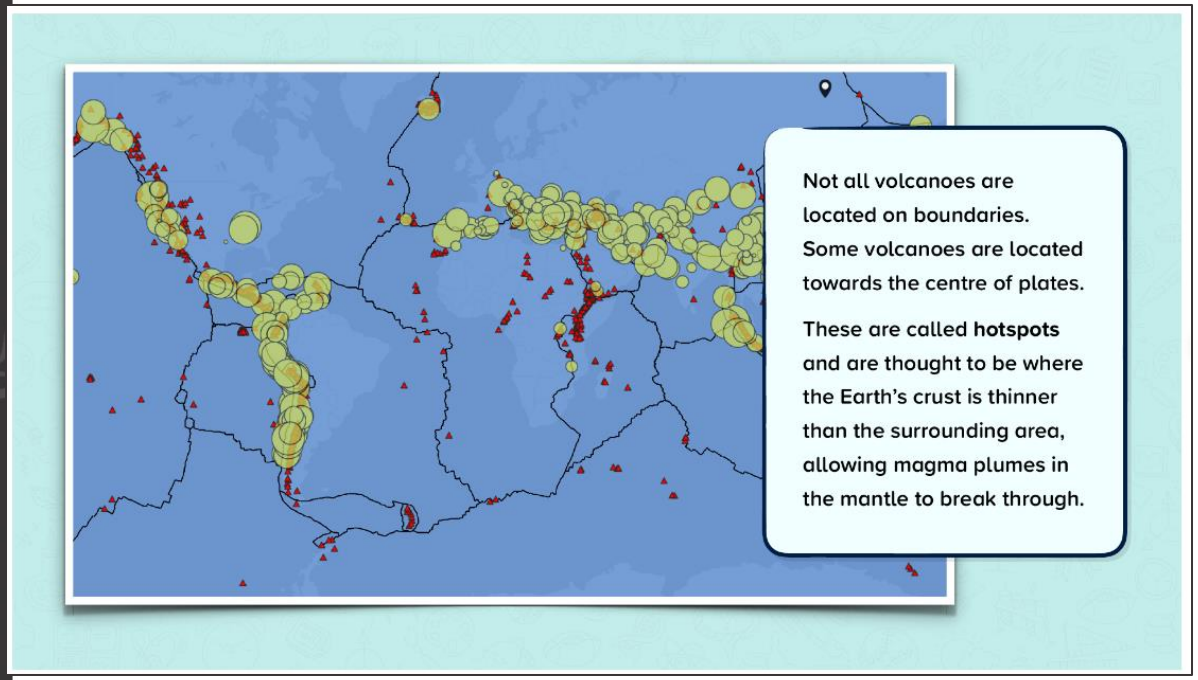
Revise



Test

An area of volcanic activity away from plate boundaries, where the Earth's crust is thinner than the surrounding area, allowing magma plumes to break through.

What tectonic features is Raymond referring to?

- Composite volcanoes
- Destructive collision boundaries
- Hotspots
- Fold mountains

I DON'T KNOW

SUBMIT ANSWER

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CURRICULUM

- Overview
- Our Curriculum
- Assessment
- Courses of Study
- Careers
- Exams
- GCSE Reforms
- GCSE Support and Guidance
- Literacy
- Pupil Premium

GCSE SUPPORT AND GUIDANCE

This page has been created to host a range of different presentations, useful links, and information about support available to your child during their GCSE course.

The Key to GCSE Success

Please see the presentation that Mr Saunders gave to Year 11 parents, carers, and students on Thursday 19th October 2023. The presentation covers:

- Information about GCSE assessments
- Strategies for effective revision
- Support available to your child.

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AQA GCSE Geography

Revision Support
- Business Studies
- Design & Techno
- English
- Food Preparatio
- French
- Geography
- Health & Social
- History
- Hospitality & Co
- Maths
- Music
- Physical Educati
- Philosophy & Eth
- Science
- Spanish

Revision Strategi

Please click **HERE** for helpful tips and inform

Retrieval Prac

Graphic Orga

Managing yo

Exam Structure

At Rossett we follow the AQA course. In this course students will sit three written exams. Each exam is 1hour and 30 minutes.

Paper 1: Living with the physical environment

Natural hazards (Plate tectonics, Weather and Climate Change), The Living World (Rainforests, Deserts and Ecosystems), UK Landscapes (Coasts and Rivers)

Paper 2: Challenges in the human environment

Urban Issues (Urbanisation, Lagos and Leeds) Economic World (Development gap, Nigeria and UK Economy), Resource Management (Food, water and energy)

Paper 3: Geographical applications

Issue evaluation (pre-exam booklet), Fieldwork, Geographical skills

Checklists

Topic checklists can be found in the relevant folder on the link here

https://drive.google.com/drive/folders/1QU3J1Py6AARN1zco6oV7YX4kBq_2i8eg?usp=sharing

Quizlets

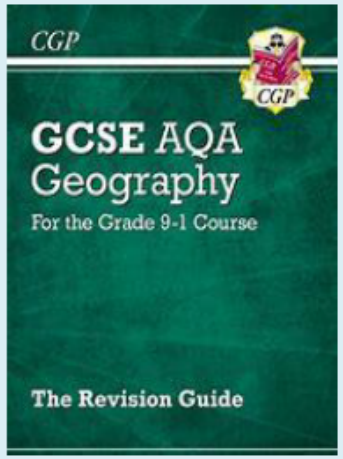
The Geography department has a range of Quizlets for self-quizzing. If you spend your time learning these key facts using the 'Learn' function of Quizlet, you will have an excellent basis of knowledge that you can build on. Flashcards can also be downloaded and printed from Quizlet

To have access to allof the premium features of Quizlet, you will need a join a class. You can use one your teacher has given and/or this one:
https://quizlet.com/join/bvCnuN9kF

Look at for information about our remote revision sessions on Teams, closer to the exams

Knowledge

Use a **revision guide** or the information on the **Geography department website** to try to memorise key content. Revision guides and exam workbooks are **available to purchase from School.**



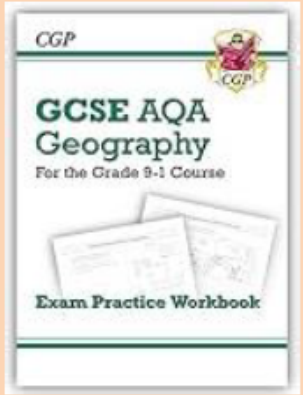
Case study summary documents can be found on the link.

Use strategies such as: read, cover, write check, brain dumps and making flash cards/ mind. maps as part of this process.

Key Revision Resources - ROSSETT GEOGRAPHY DEPARTMENT (weebly.com)

Practice Questions

There are a range of example questions with example answers and tips available here.
Suggested strategy: revise the key content required, attempt the question, check using the example answer and improve where necessary. Repeat.
An exam practice booklet is also available to purchase from school



Exam Paper Practice

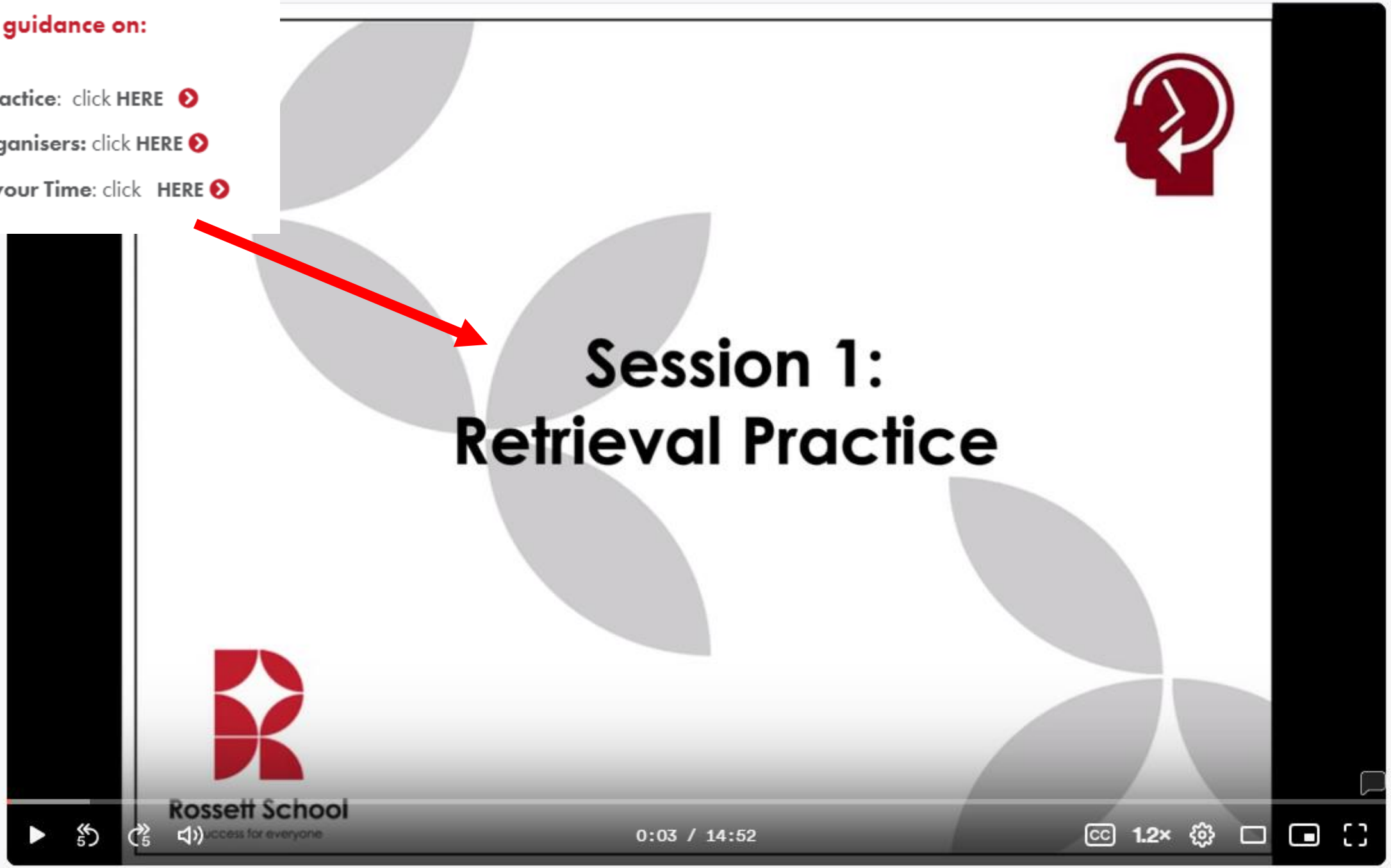
Once you have revised all of the content you now need to practice a full paper under timed conditions.
Past Papers and march schemes can be found here: AQA | GCSE | Geography | Assessment resources

For further guidance on:

Retrieval Practice: click **HERE**

Graphic Organisers: click **HERE**

Managing your Time: click **HERE**



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Keeping it simple

Answer some past questions from memory

Mark them using the mark scheme

Revise the bits that you couldn't do

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Guidance

Coping with exam pressure - a guide for students

Updated 24 October 2023

Applies to England

Coping with exam pressure – a guide for students

https://www.gov.uk/government/publications/coping-with-exam-pressure-a-guide-for-students/coping-with-exam-pressure-a-guide-for-students

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1 Norman Changes to Law and Order

MrAOtway
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GROUP	Positives	Add. points	Number of lates	OVERALL SCORE
JMR B	296	50	13	333
Soggy Chips	294	30	14	310
KMD1	267	45	9	303
KMD2	248	45	9	284
Pink Fairies	260.5	20	10	270.5
The Shiny Dogs	266	0	4	262
BTL3	270	0	14	256
Baking Bad	261	0	12	249
SLG's Finest	251	0	7	244
Phoenix	226	30	13	243
The Octonauts	238	20	17	241
BTL2	251	0	16	235
The Kingmakers	228	10	8	230
The Losers	257	0	27	230
DOG	248	0	20	228
JMR C	234		11	223
KMD3	227	30	40	217
GCSEs	203	20	8	215
JMR A	211	20	16	215
BTL1	201	0	1	200
INH	200	0	0	200
Beanie Bears	194	0	7	187
The Silence	200	0	21	179
Glitter Sparkles	184	0	8	176
Just a plant	185	0	10	175
KMD4	189	0	21	168
Sugar babies	182	0	14	168
Team Bananas	179	0	13	166
LCN2	156	0	7	149

See you soon?

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How can you help?

- ✓You know your child better than anyone
- ✓Keep telling them you are proud of them
- ✓Focus on the positives
- ✓Be a motivator, avoid talking about ‘failure’
- ✓Test them on **key words**, which **sections** they need to answer
- ✓help them make sense of **mark-schemes,**
- ✓use **flashcards** to test them,
- ✓help them **organise** their time.

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9 to 1
GCSE