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Success for everyone



Year 10 Supporting Success at GCSE

Thursday 26th September 2024



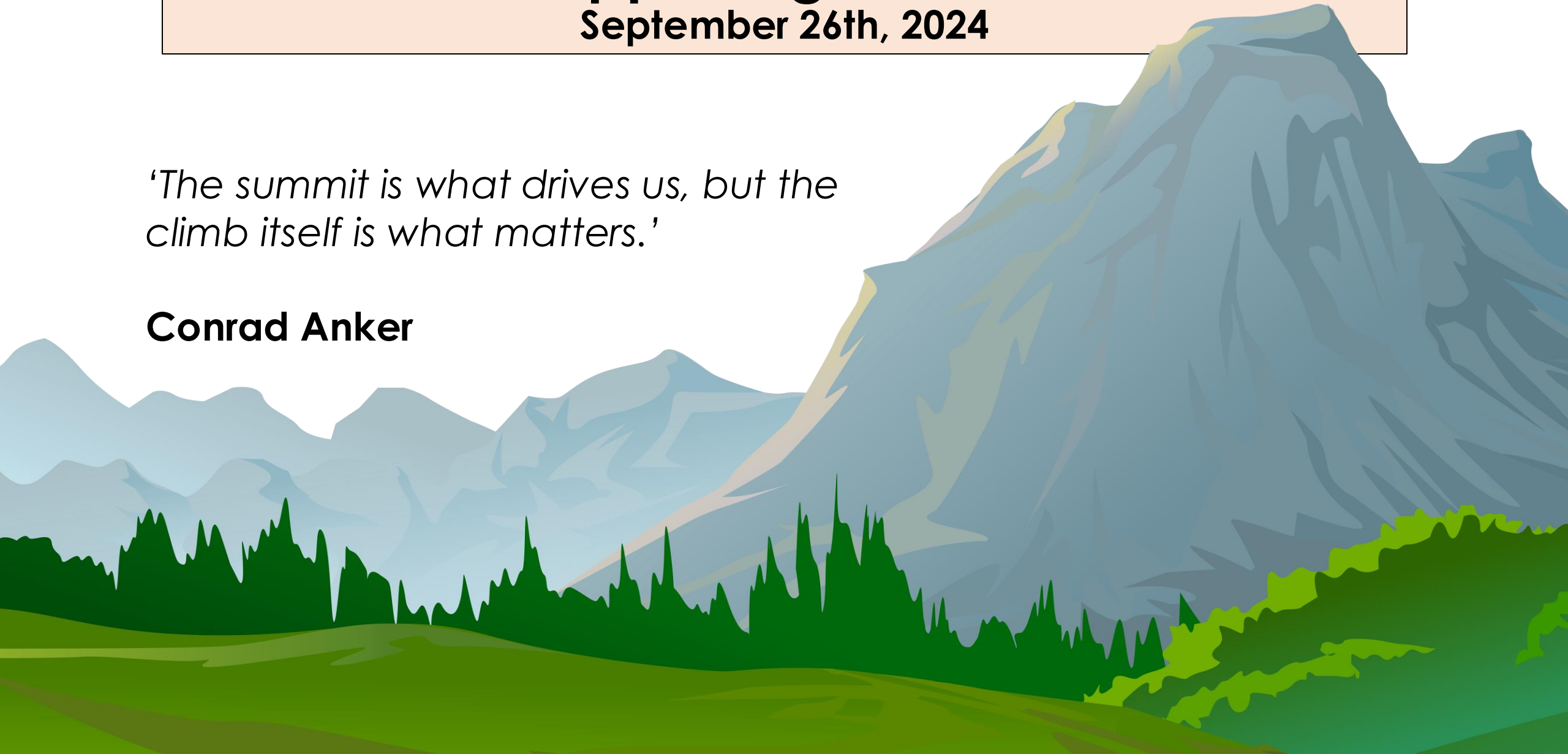
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Year 10 - Supporting Success at GCSE

September 26th, 2024

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

Conrad Anker





Students in selected English language
English language and maths GCSEs.
There will be no more than one time in 2017.
Students will be awarded from 9 to 1.



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Year 10 - 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?

What about you? The start of your journey...

**First Term
of Year 10**

**Year 10 Parents'
Evening**
5th December
2024

End of Year 10 Exams
June 2025

**Year 11 Parents'
Evening**
December 2025

Mock exams
January 2026

Exams Information Evening
May 2026

First Exam
8th May 2026

Last Exam
20th June 2026

Prom
3rd July 2026

Results Day
22nd August 2026



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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...

2016 national curriculum tests

Key stage 2

Mathematics
Paper 1: arithmetic

First name					
Second name					
Last name					
Date of birth	Day		Month		Year
School name					
OLE number					

[Access more tools and enhance](#)

Scaled
score



Generate
a GCSE
Target

**TARGET
GRADES**
English = 6
Maths = 5
Science = 6



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Target Grades: Year 10





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Target Grades: Year 10

CAT Tests



CAT score



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.rkt.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



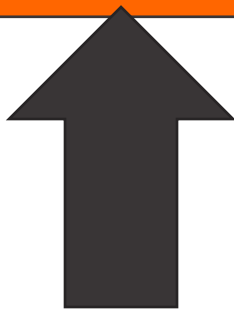
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Attitude to learning

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



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 the country. In some places/governments can invest in infrastructure, such as schools & hospitals.

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

Impact 1: Trees absorb CO_2 and greenhouse gases, they also release oxygen, however, when a tree is cut

When trees are cut down, CO_2 is released into the atmosphere. The CO_2 traps the sun's heat causing global warming. (1)

down, it releases the stored CO_2 into the atmosphere. this leads to global warming.

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 it's no longer fertile, so the process of desertification takes place.

You should see lots of GREEN PEN

1. 1. Assess 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)



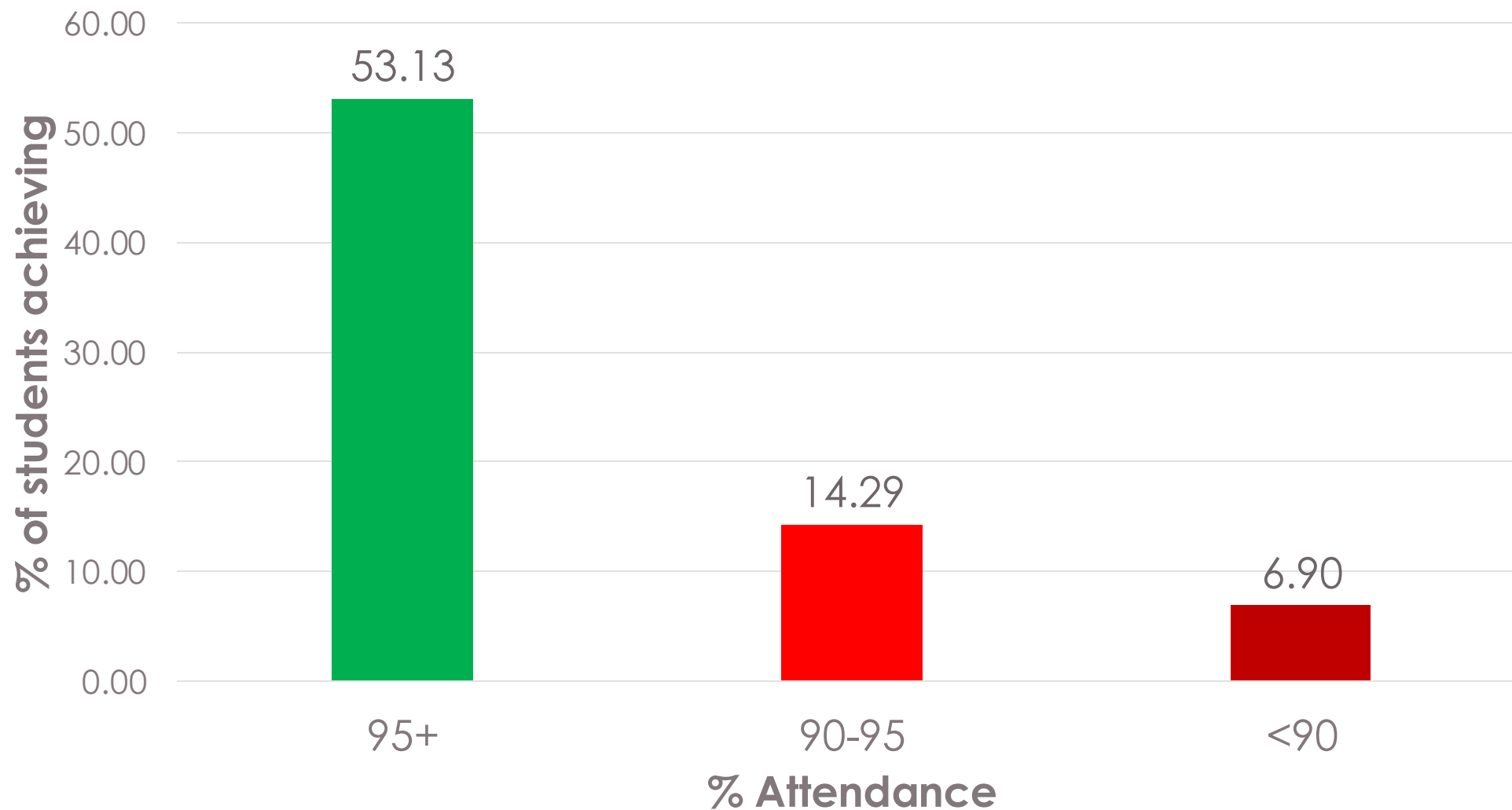
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Chances of 5+ Grade 9-5 GCSEs including English & Maths





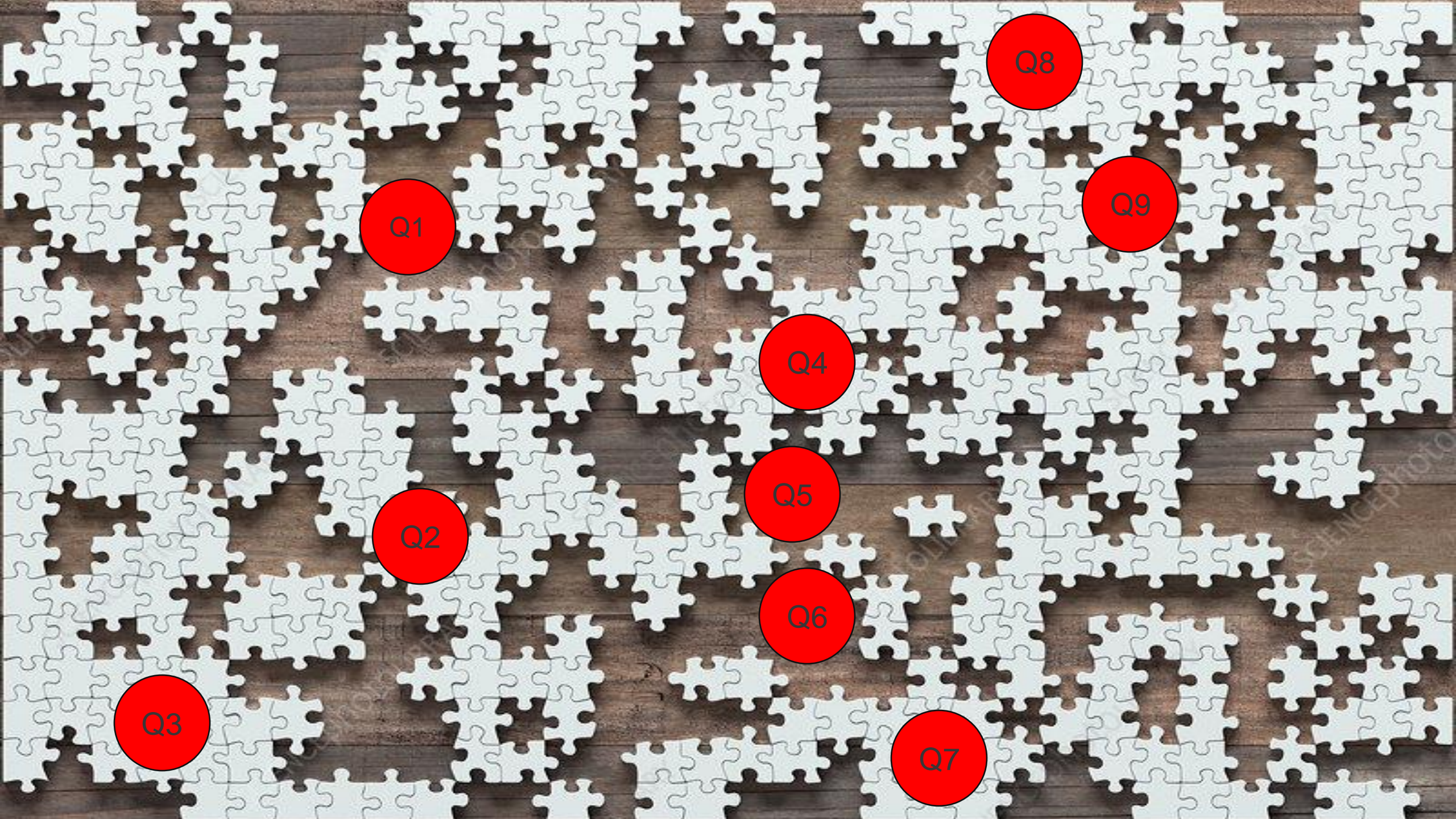
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Year 11 Student Attendance Groups %	Progress 8 score	% Achieving English and Maths both at Grade 4+
95-100	+0.53 Well above national average	78
90-95	+0.35	72
85-90	-0.52	50
<85	-1.35 Well below national average	35

SCIENCE

Don't allow gaps to creep in...



Q3

Q2

Q1

Q6

Q5

Q4

Q7

Q8

Q9



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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)**

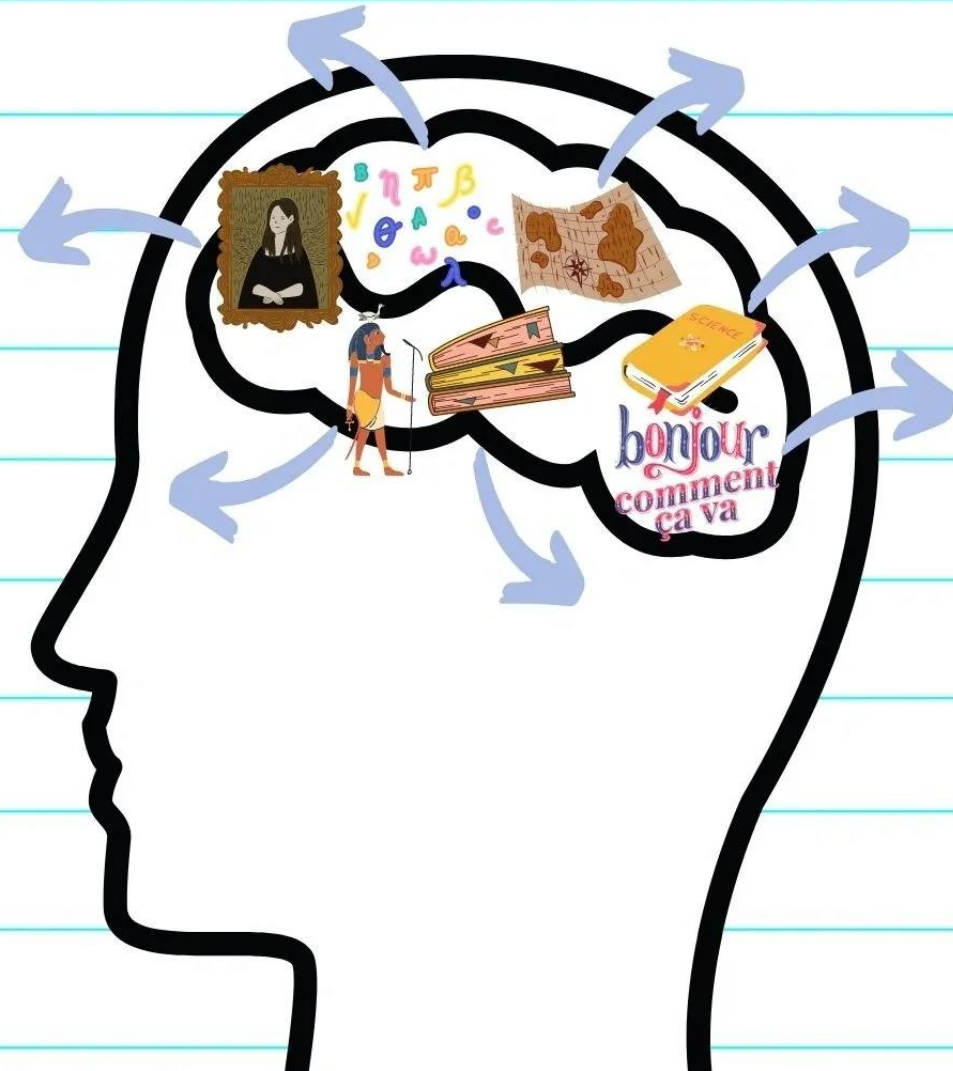


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First 10 minutes of every lesson

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

**This builds
memory for
the exams**

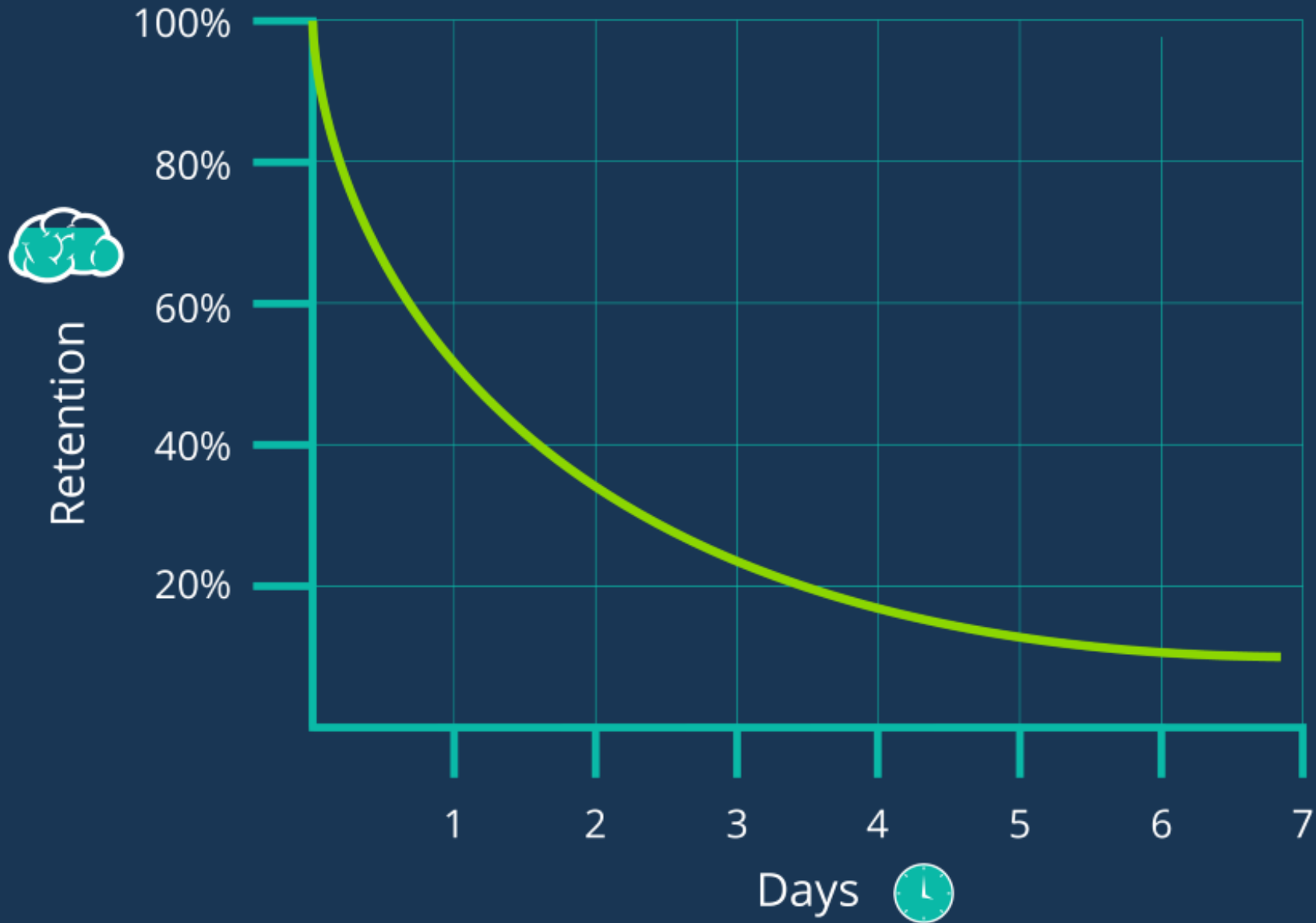




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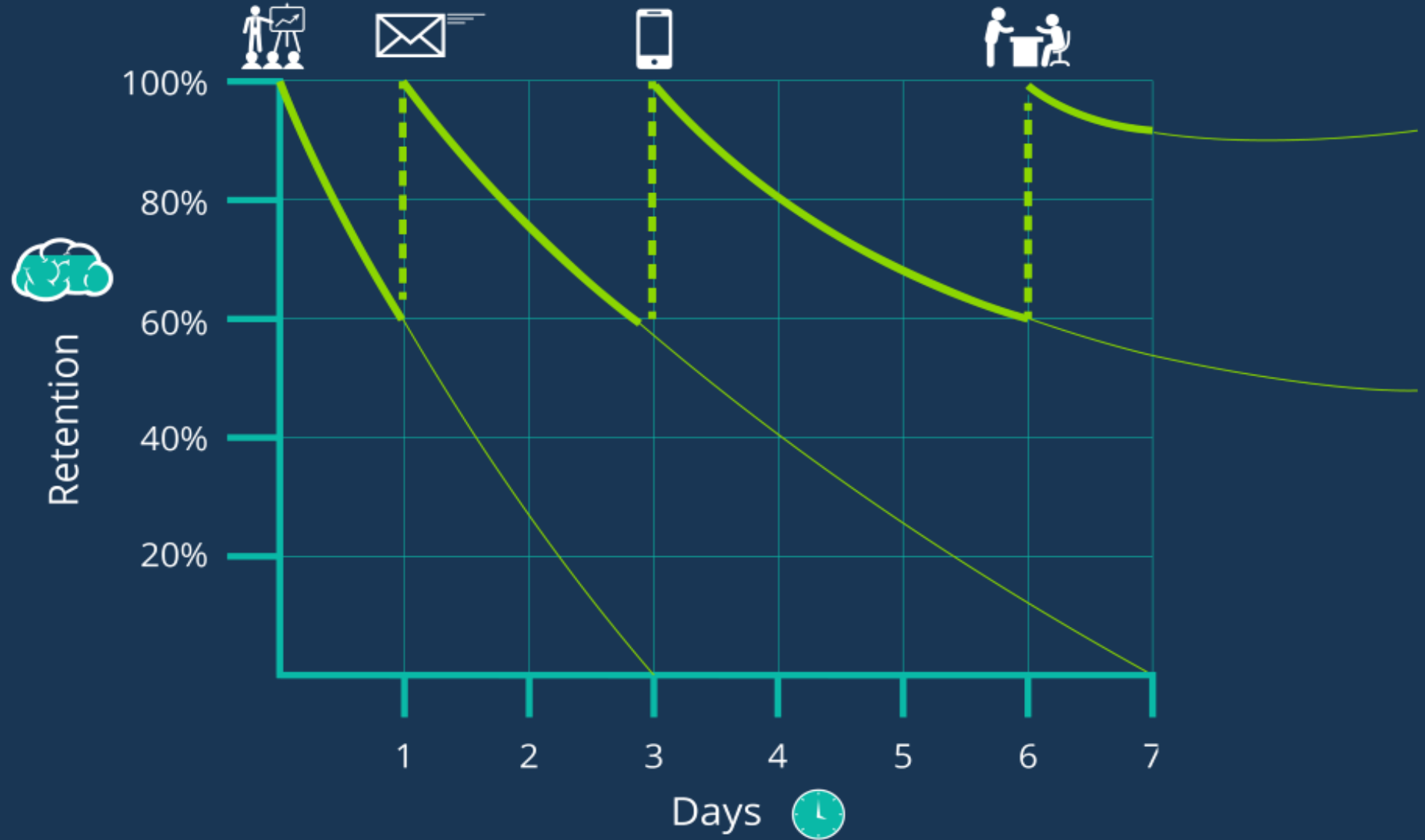
THE FORGETTING CURVE





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COMBATING THE FORGETTING CURVE

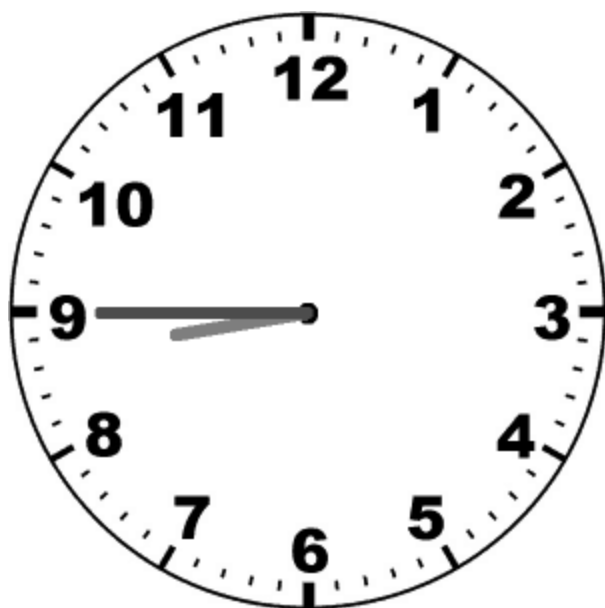




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Respect	Ready	Responsibility	Resilience	Reflectiveness
5	5	5	5	5

**Our most successful
students**





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Effective revision





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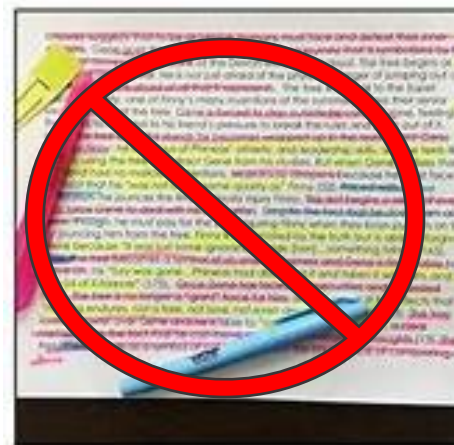
Ineffective Revision

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

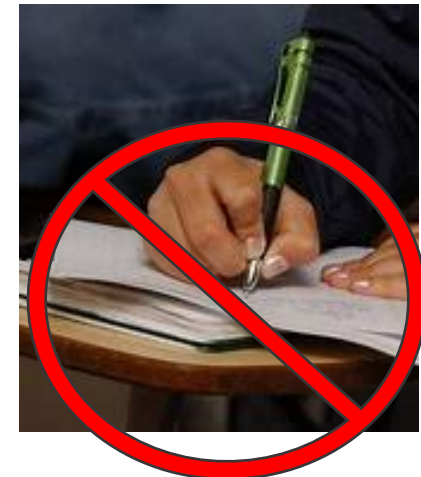
Re-reading



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

What are the main causes of deforestation in the Amazon?

BACK

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
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	



Past paper

AQA

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

8461
June 2022

Version: 1.0

**Examiner's
Report**

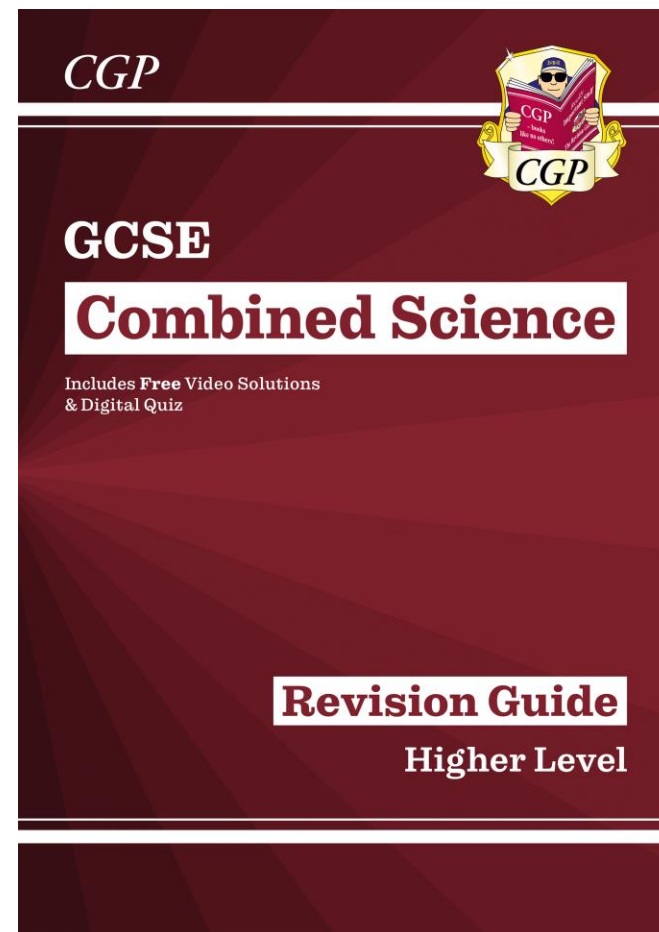
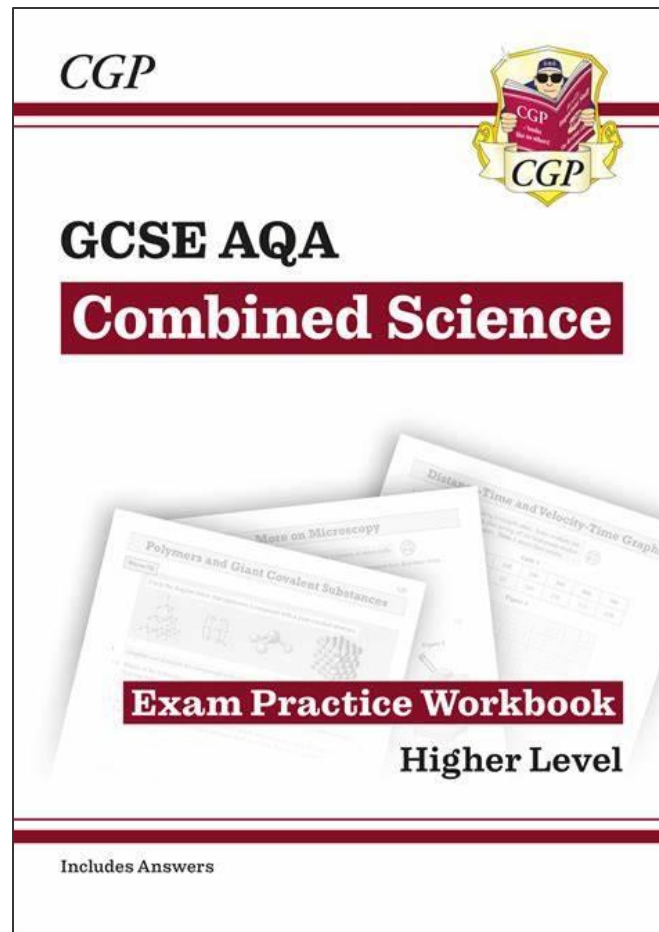


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Revision Guides and Workbooks

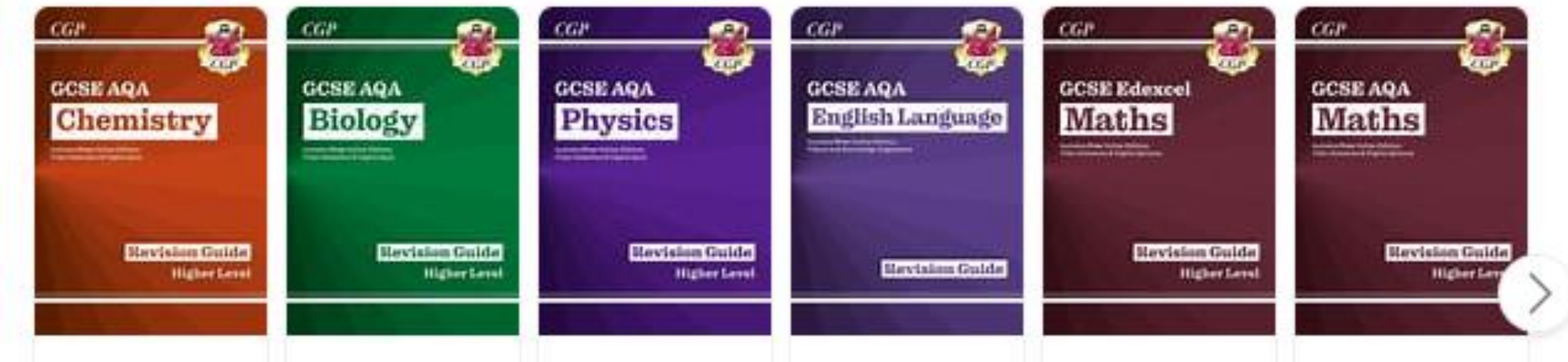




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Revision Guides and workbooks for sale

- 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



**10× national average
grade improvement***

Peter's Recommended Path ?

Geography
Types of Natural Hazard [GY1.01]
Start

Geography
Renewable & Non-Renewable
Energy Resources [PH1.65]

Geography
Wind Power [PH1.66]

Geography
Factors Affecting Hazard Risk
[GY1.02]

Geography
Diagnostic: Tectonic Hazards
[GY0.02]

Geography
Distribution of Earthquakes
Volcanoes [GY2.02]

**Your child logs in using their
school login**

www.century.tech

Focus on to Improve

- Types of Natural Hazard [GY1.01]
- Distribution of Earthquakes & Volcanoes [GY2.02]
- Destructive Plate Margins [GY2.04]
- Conservative Plate Margins [GY2.05]
- Tectonic Hazards: Primary & Secondary Effects [GY2.07]

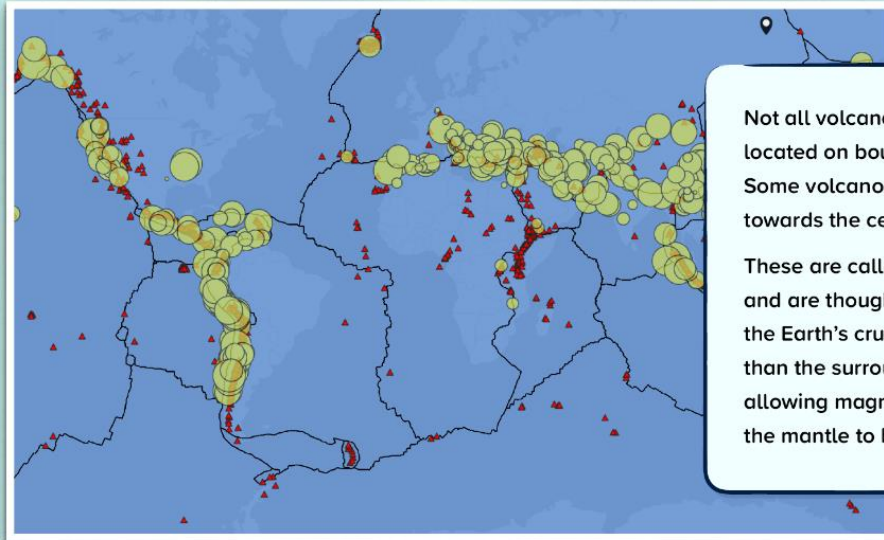
Stretch With

- Diagnostic: Natural Hazards [GY0.01]
- Factors Affecting Hazard Risk [GY1.02]
- Constructive Plate Margins [GY2.03]
- Tectonic Hazards: Haiti 2010 [GY2.09]
- Tectonic Hazards: Nepal 2015 [GY2.10]



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Revise



Not all volcanoes are located on boundaries. Some volcanoes are located towards the centre of plates.

These are called **hotspots** and are thought to be where the Earth's crust is thinner than the surrounding area, allowing magma plumes in the mantle to break through.

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

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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.



AQA GCSE Geography

Revision Support

- Business Studies
- Design & Techn
- English
- Food Preparation
- French
- Geography
- Health & Social
- History
- Hospitality & Co
- Maths
- Music
- Physical Educati
- Philosophy & Etl
- Science
- Spanish

Revision Strategi

Please click **HERE** →
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 1 hour 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



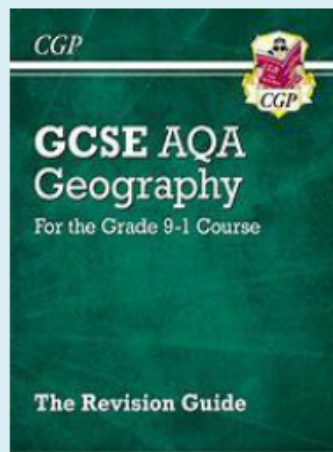
Knowledge

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 \(weebly.com\)](https://www.rossett-geography.com/)

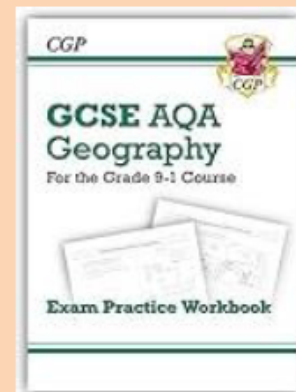


Practice Questions

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: [AOA | GCSE | Geography | Assessment resources](#)

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 all of the premium features of Quizlet, you will need to 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

de



For further guidance on:

Retrieval Practice: click [HERE](#) ➤

Graphic Organisers: click [HERE](#) ➤

Managing your Time: click [HERE](#) ➤



Session 1: Retrieval Practice



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0:03 / 14:52





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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
1.09K subscribers

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11



Share



Download



Save





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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.



