




PGHS Curriculum Evening

Year 10



What does success look
like?

PGHS Track Record

- 2019 = 0.64
- 2022 = 0.76
- 2023 = 0.72



How did they do it?



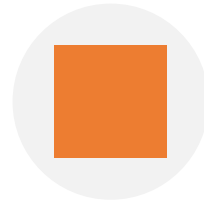
EFFORT



AMBITION



TEAMWORK



KNOWING HOW
TO REVISE

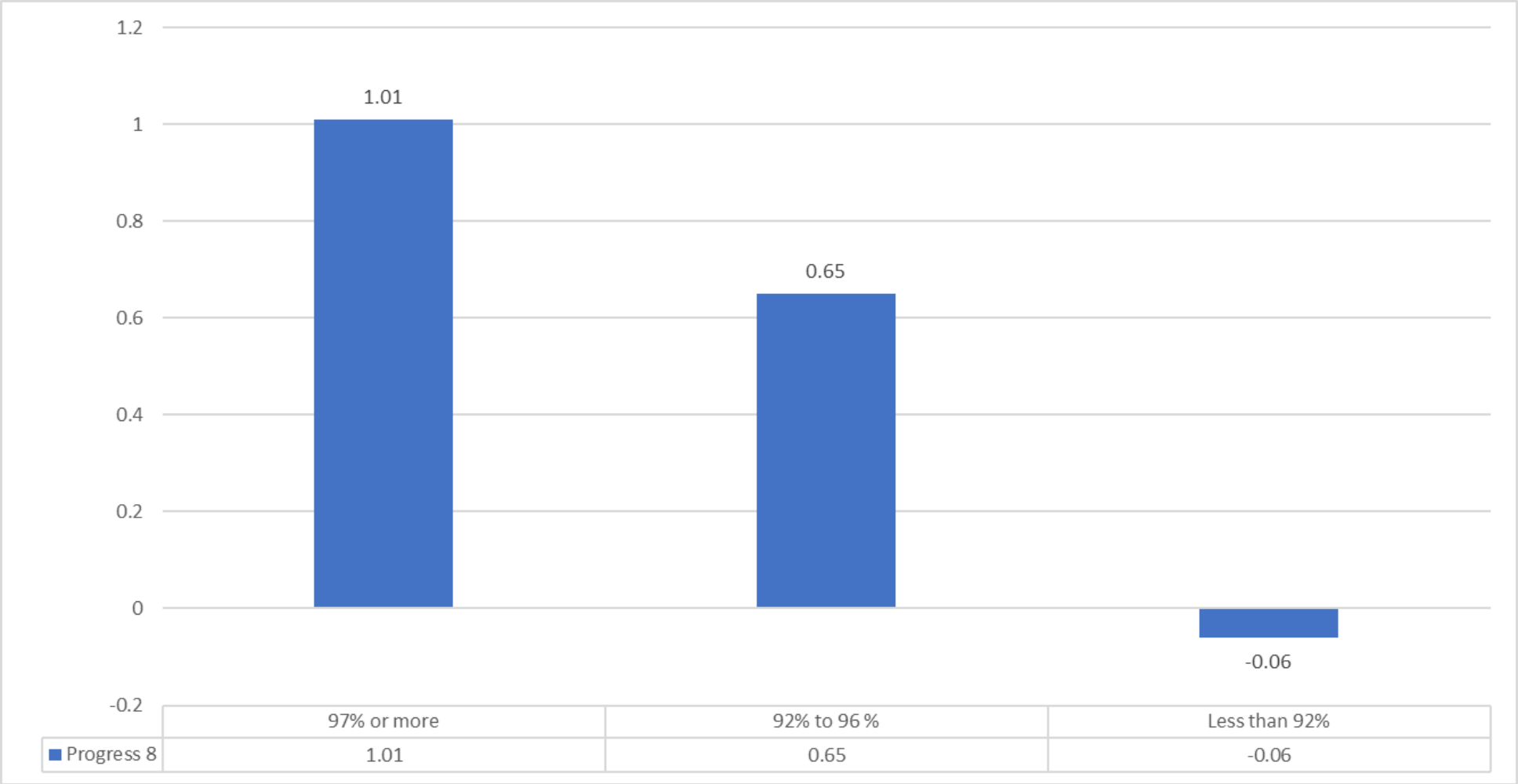


GRIT



ATTENDANCE

Attendance and Progress





Doing your best is
more important
than being the best

Mindset



"Failure
is a bend
in the road,
not the
end of the road.

Learn from
failure
and
keep moving
forward."

— Roy T. Bennett

<https://makeitonestep.com/>



Albert Einstein

“

It's not that I'm so smart; it's
just that I stay with problems
longer.

”

What does school do?

Quality
curriculum


Quality first
teaching

Clear path of
progress

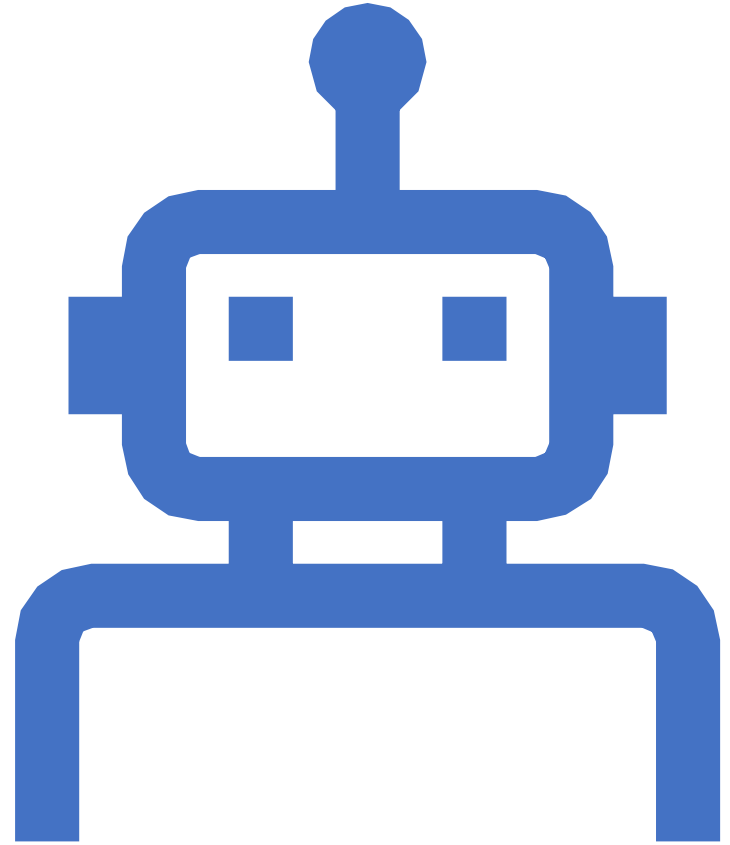
Work with
students

Work with
parents &
carers

How can parents and carers help?

- Attendance
 - Punctuality
 - Help
 - Relaxation and Sleep
 - Communication
- 
- A large yellow triangle is positioned in the bottom right corner of the slide, pointing towards the top right.

Where do targets
come from?



Facts



5 HOURS OF LESSONS
PER DAY



5 DAYS OF SCHOOL
PER WEEK



40 WEEKS OF SCHOOL
PER YEAR



STUDENTS SPEND
AROUND 5% OF
THEIR TIME IN LESSON



HOW LONG DO THEY
SPEND ON NETFLIX
AND TIKTOK

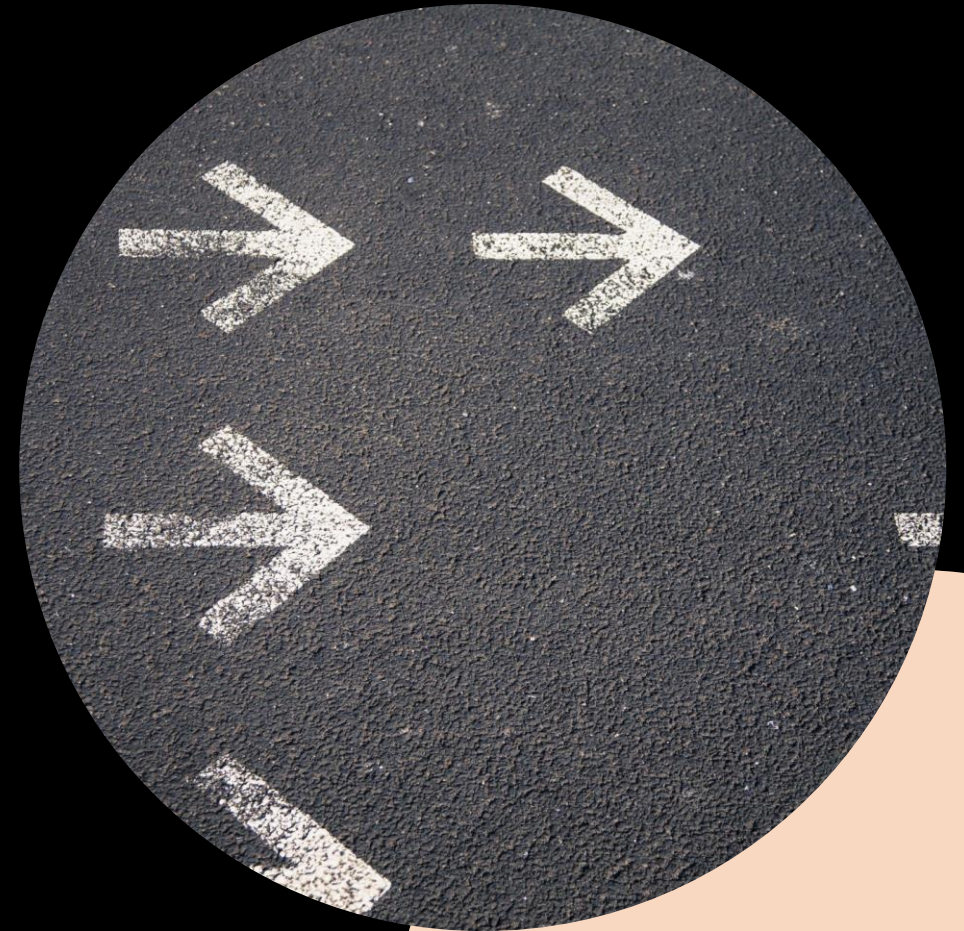
What is on
TikTok?





How to revise

- Making notes
- Doing exam practice questions
- Making flash cards
- Chunk it
- Study groups
- Finding what works best for you



Geography Revision Booklet (Edexcel A)

Paper 1 – The Physical Environment

Exam – 1 hour and 30 minutes (94 marks in total)

What to expect in the exam:

Section A: The changing landscapes of the UK (30 marks)

Changing Landscapes (Marks: 1, 1, 1, 1, 2 = 6)

Coastal Landscapes (Marks: 1, 1, 2, 8 *Examine* = 12)

River Landscapes (Marks: 1, 1, 2, 8 *Examine* = 12)

Glaciated Landscapes



Section B: Weather Hazards and climate change

(Marks: 2, 2, 3, 1, 2, 2, 3, 1, 2, 4, 8 *Assess/Evaluate* = 30 marks)

Section C: Biodiversity and Management

(Marks: 2, 2, 2, 4, 2, 2, 4, 4, 8 *Assess/Evaluate* = 30 marks + 4 SPaG)



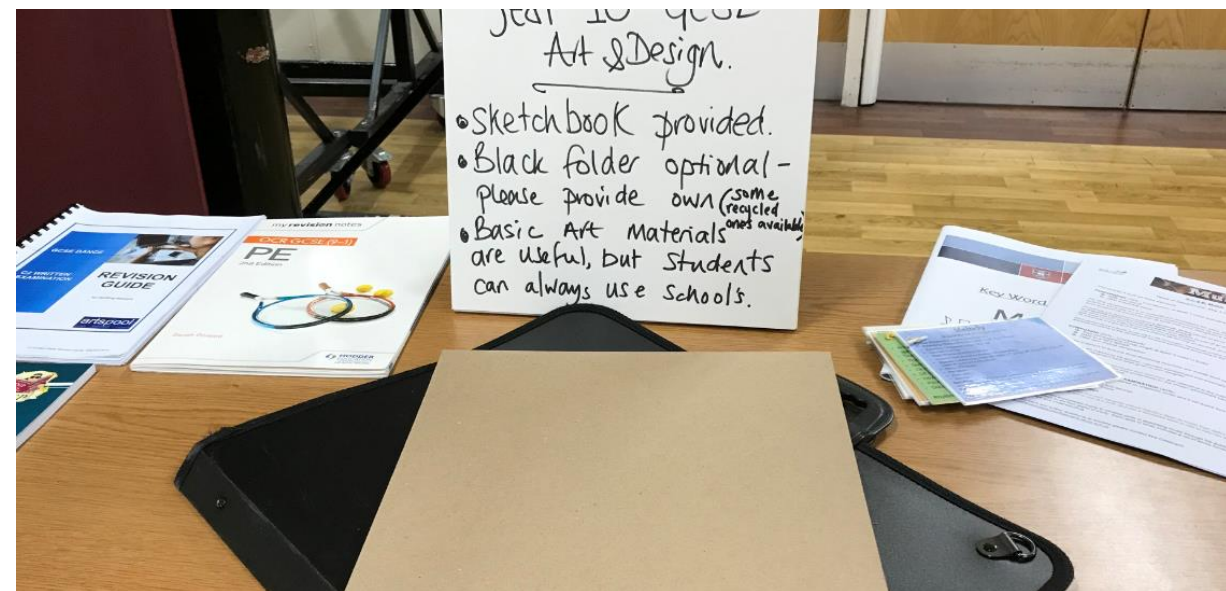
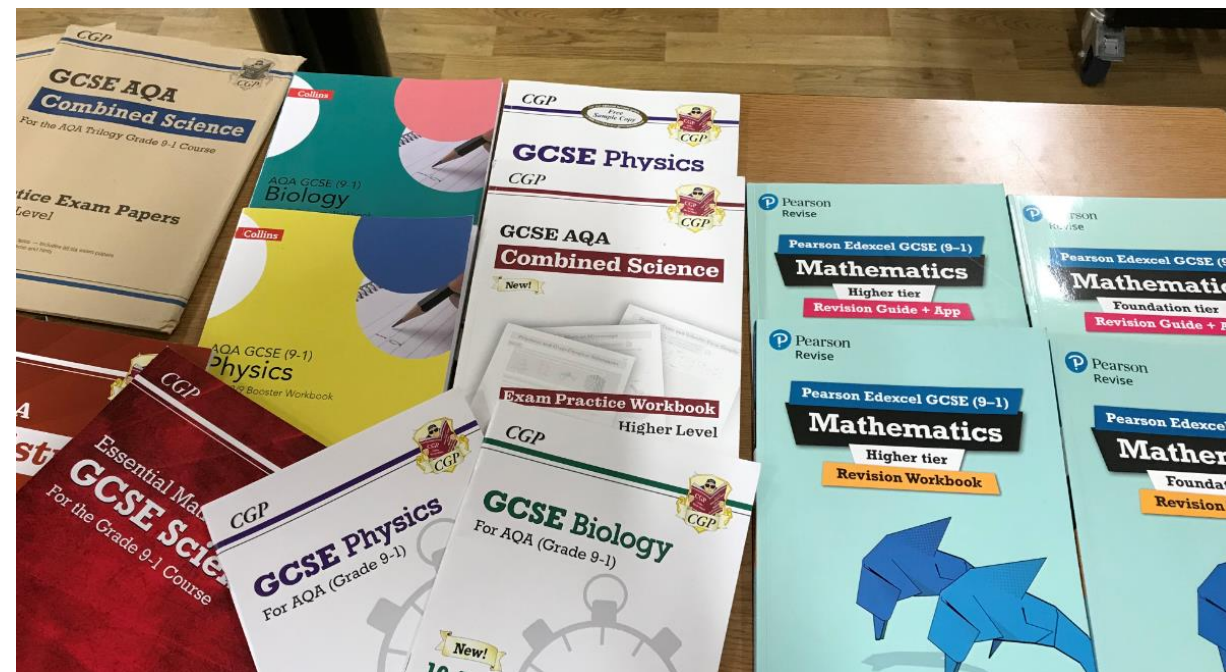
Specification



Practice Paper

1 Paper 1 Revision – The Physical Environment | Penwortham Girls' High School

1 Paper 3 Revision – Geographical Investigations | Penwortham Girls' High School



Parent Resources

[Back to our blog](#)[May 8, 2020 /Free Resources](#)

We understand how important it is to support your child during their GCSEs, so we've created a page full of resources, especially for you. Here you can discover parent user guides and quick start guides, and you can explore how to support your child. For daily resources to support your child join us on social media...



GCSEPod



Keeping Parents and Carers Informed



Two monitors and one full report in Year 10



Two monitors, one full report and a final set of predictions in Year 11



A Progress evening in Year 10 and in Year 11



Contact with home after analysis of reports



Class Charts

English GCSE

English GCSE

8 specialist
staff

5
examiners



We study 2 GCSE courses



ENGLISH LANGUAGE



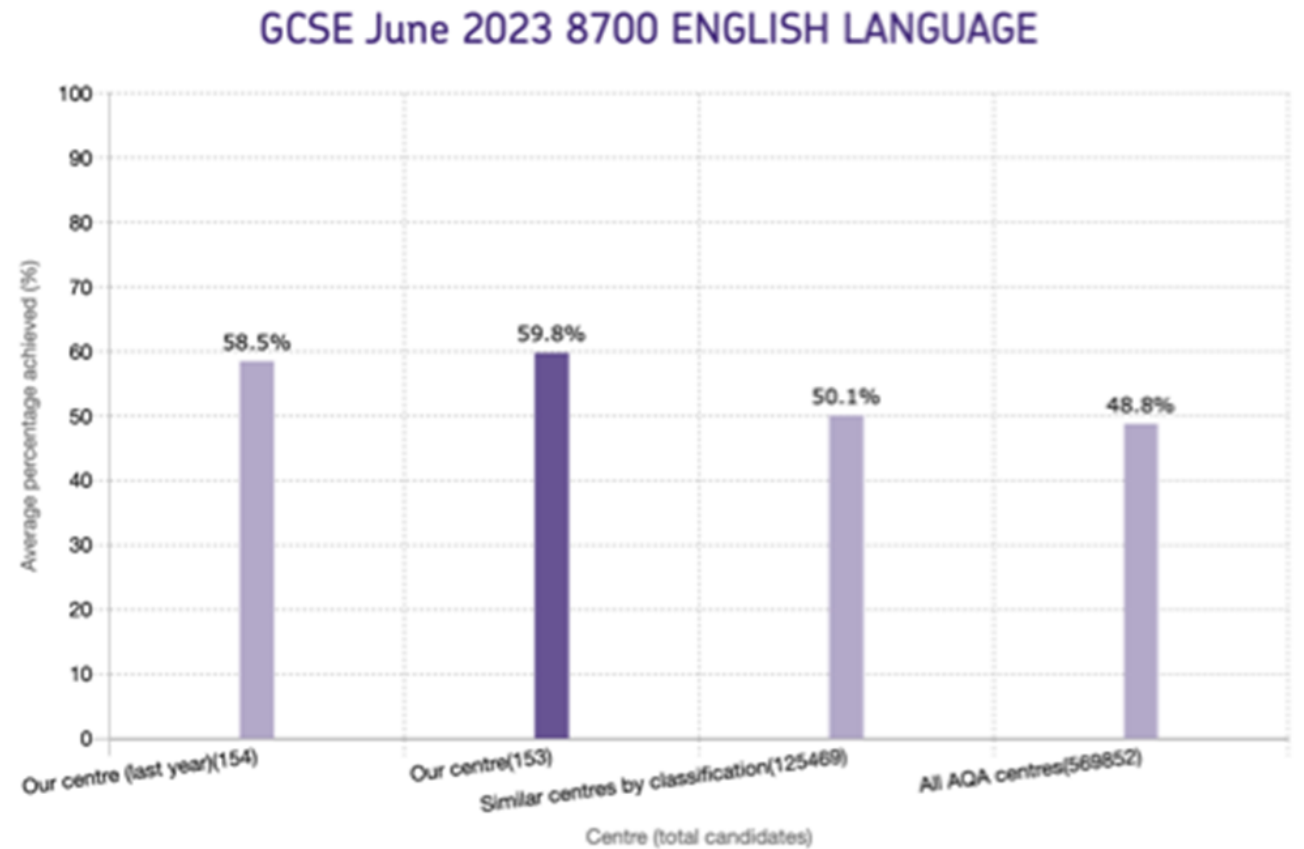
ENGLISH LITERATURE



FOR BOTH, WE USE THE AQA EXAM
BOARD AND THIS ALLOWS US TO
COTEACH THE TWO GCSE COURSES

English Language

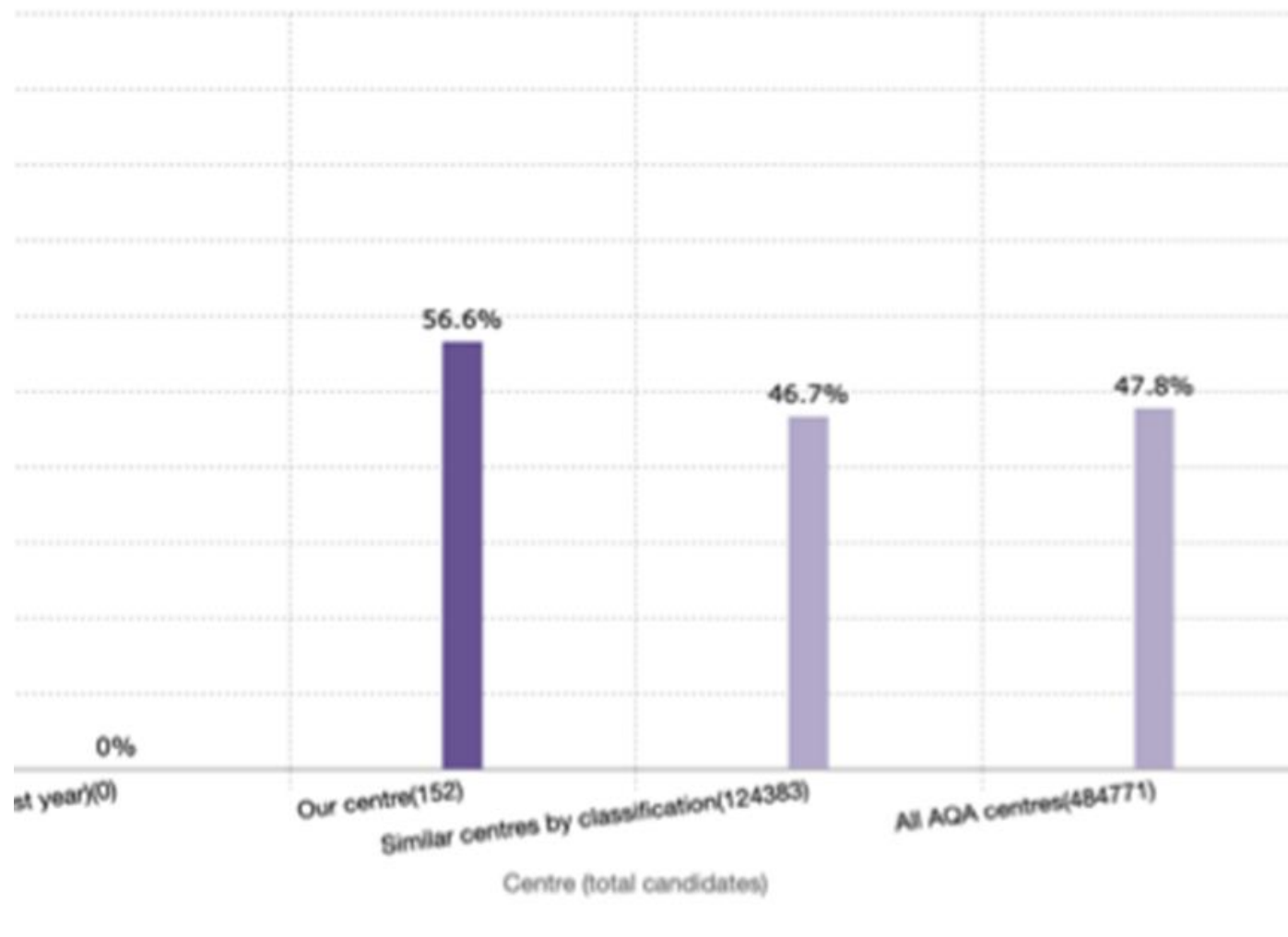
The 2023 results bucked the national trend. Students at PGHS have continued to increase their average mark, while nationally it decreased.



English Literature

Pupils at PGHS have continued to outperform other centres. There is not comparison data to 2022 due to a reduction in assessed components post pandemic.

GCSE June 2023 8702 ENGLISH LITERATURE



English Language



Paper 1 is fiction - “Explorations in creative reading and writing” 1 hour 45 minutes – 50% of final grade



Paper 2 is non fiction – “Writers’ viewpoints and perspectives” 1 hour 45 minutes – 50% of final grade



In addition, there is a non examined assessment for spoken language which is a compulsory element, but carries 0% weighting. A grading system is used – pass/merit/distinction and this is recorded on a student’s exam certificate.

English Literature



- Paper 1 – Shakespeare and the Novel (Literary Heritage Texts) 1 hour 45minutes - 40% of the final grade



*Romeo and Juliet, **plus** either *A Christmas Carol* or *Jekyll & Hyde**



- Paper 2 – Plays and Poetry (Modern texts) 2 hours 15 minutes – 60% of the final grade



All students: “Blood Brothers” and Poetry Anthology “Love and Relationships” cluster **and** Unseen Poetry.

Functional Skills Level 1 and 2



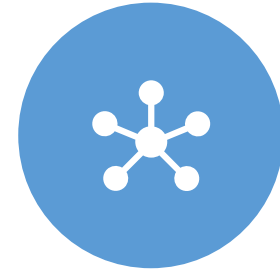
READING



WRITING

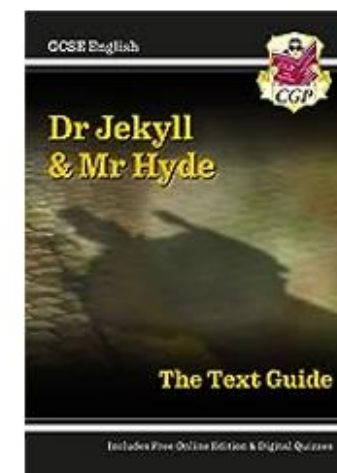
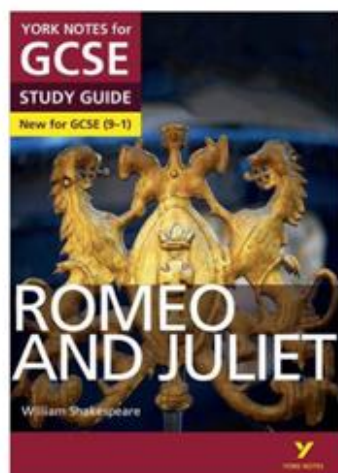


SPOKEN LANGUAGE



MODULAR APPROACH
TO ENSURE SUCCESS

What support is available in English?



Key Information



No tiers of entry



No controlled assessment



Non examined component – speaking and listening; formal & researched; a compulsory part of the course



Will communicate directly via ParentMail



Where possible, we will bulk order the set texts and revision guides to enable you to obtain these at a significant discount



Contact me: d.snowdon@penworthamgirls.lancs.sch.uk

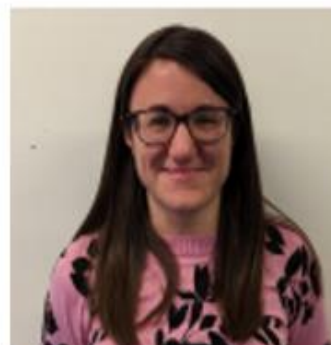
$$a^0 = 1 [a \neq 0]$$

Maths GCSE

arcsin

Maths Subject Lead

Mrs Sweeney



Exam board information

Exam board: Edexcel

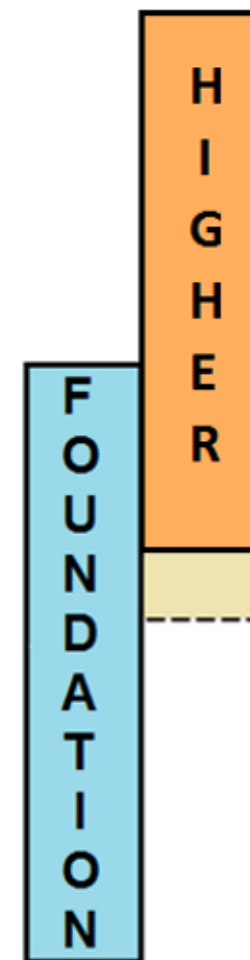
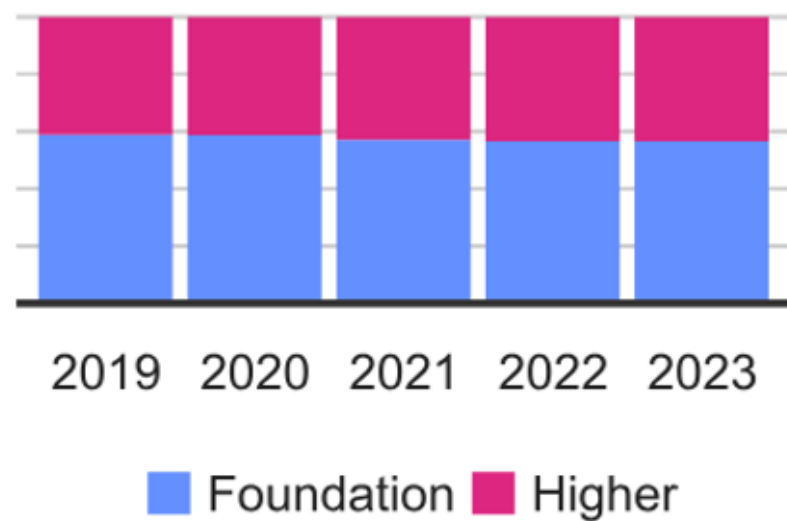
Paper 1 (Non Calculator)

Paper 2 & Paper 3 (Calculator)

Each paper 80 marks

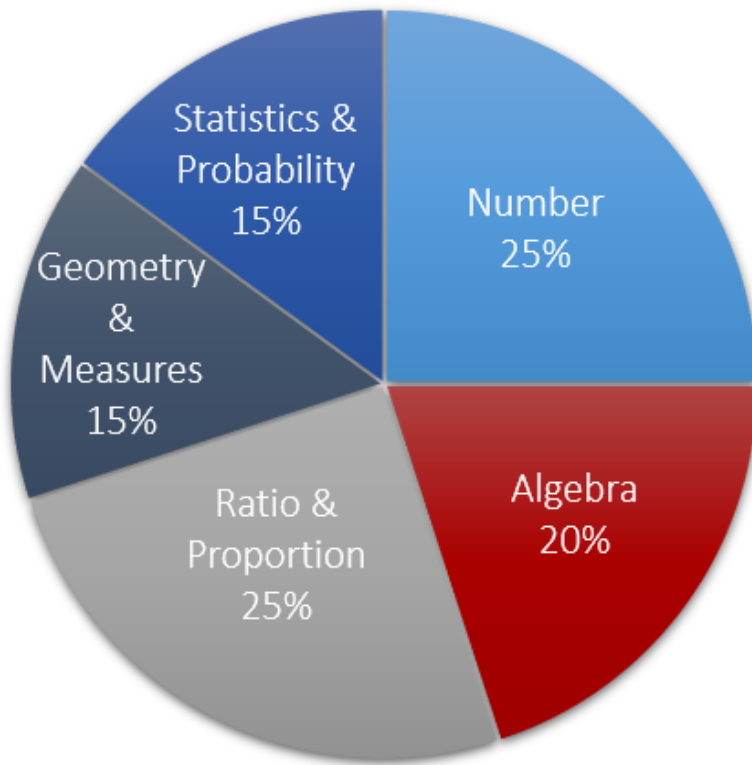
90 minute examination

Tiers of Entry

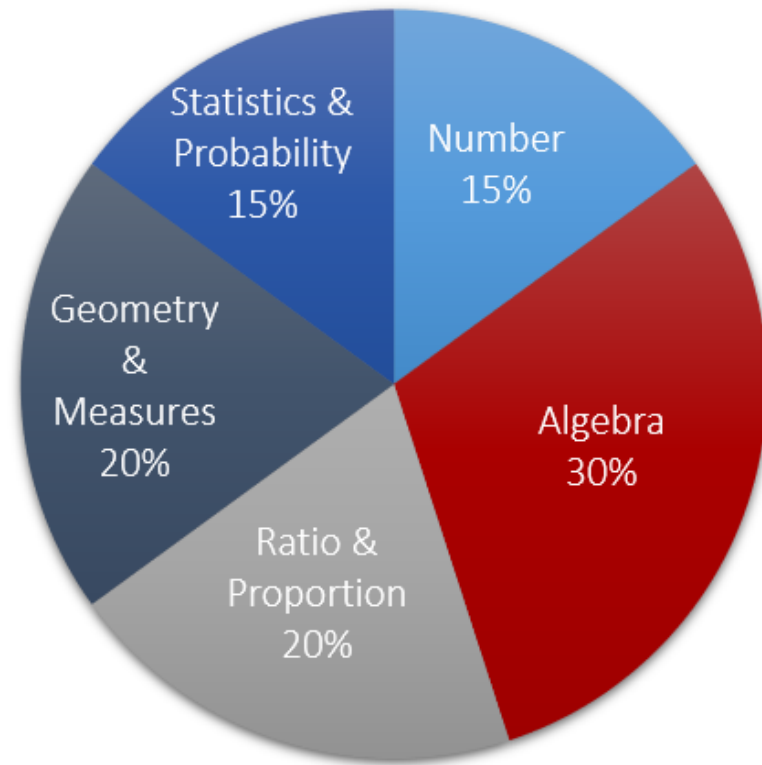


Tiers of Entry

Foundation



Higher



Set 1 – Mr Cheal
Set 2 – Mrs Phillips } Higher Pathway

Set 3 – Miss Hasan } Intermediate Pathway

Set 4 – Mrs Sweeney
Set 5 – Mr Cafferkey } Foundation+ Pathway

Set 6 – Mr McVey } Foundation Pathway

Tiers of Entry

Curriculum Support



M'English

Year 10

3 lessons per fortnight English
2 lesson per fortnight Maths

Year 11

2 lessons per fortnight English
3 lesson per fortnight Maths

Study Plus

Year 10 & 11

5 lessons per fortnight English
5 lesson per fortnight Maths

Support in Maths



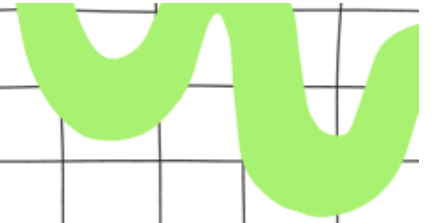
Science GCSE



•••

Science Curriculum

Mrs Honeyman



The team



Mrs Honeyman

Physics



Mr Coogan

Chemistry



Mrs Goodwill

Chemistry



Mr Dean

Chemistry



Miss Avery

Teaching Assistant



Miss Forrest

Physics



Mrs Hall

Biology



Mrs Cahill

Biology

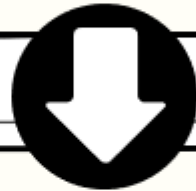



Mr Knee

Biology

Two Courses – which course are you on?


Everyone has to study Science. However, every student has a choice. You can either study AQA Combined Science or AQA Single Sciences which takes up an option choice.






AQA Combined Science

- Studied over 2 yrs
- 100% exam
- 2 Tiers of entry
- Worth 2 GCSE's
- 6 x 75 min exams




OR



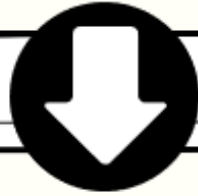
AQA Single Science


- Studied over 2 yrs
- 100% exam
- 2 Tiers of entry
- Worth 3 GCSEs
- 6 x 105 min exams




Required practical

Everyone has to study completed certain experiments that will be completed in lesson time. Attendance is therefore so important.




**AQA Combined Science**


- 7 in *Biology*
- 6 in *Chemistry*
- 8 in *Physics*



OR

**AQA Single Science**

- 10 in *Biology*
- 8 in *Chemistry*
- 10 in *Physics*



Results

2023

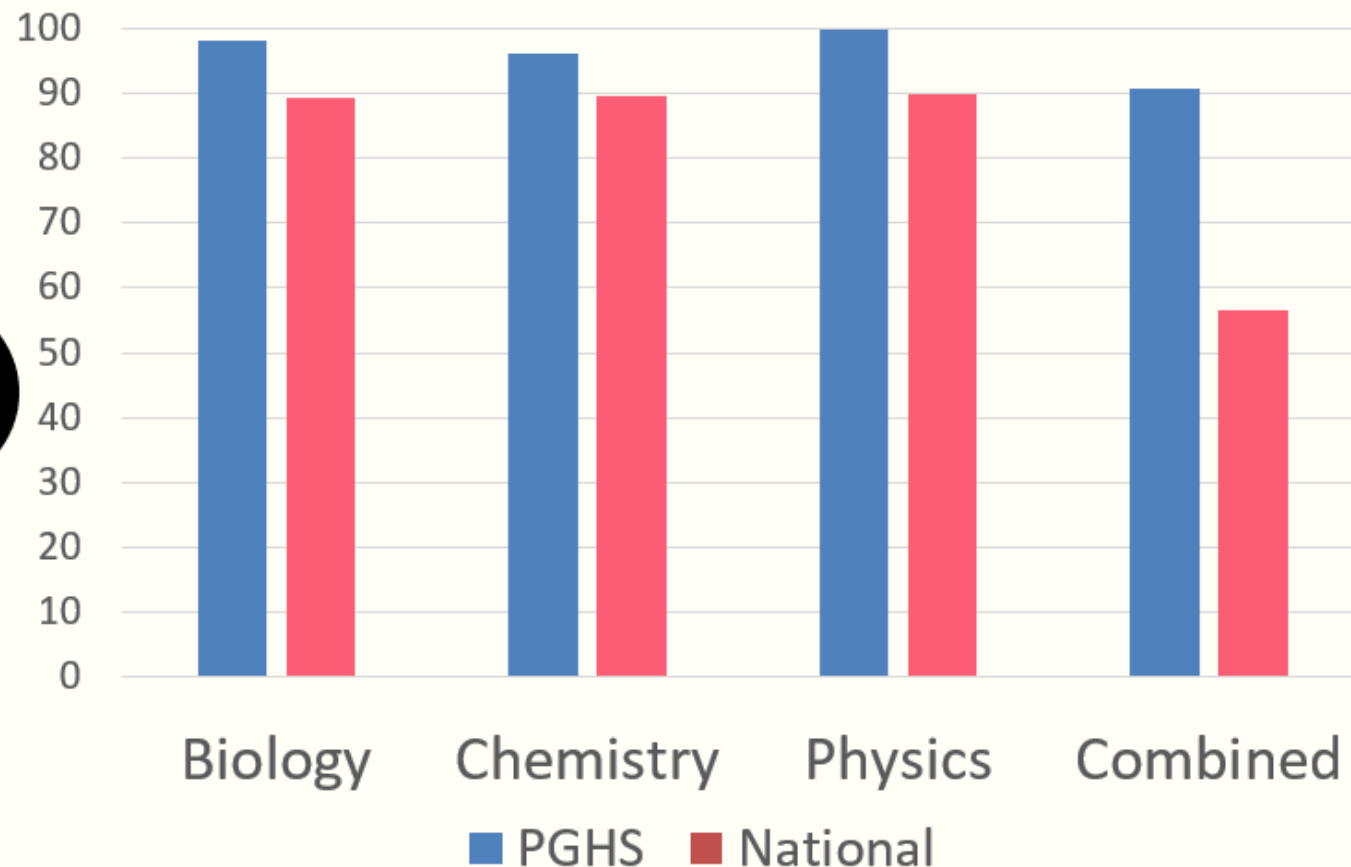
01 Combined Science

02 Physics

03 Biology and Chemistry



Results compared to National



Equations – to remember



Equation number	Word equation	Symbol equation
1	weight = mass \times gravitational field strength (g)	$W = m g$
2	work done = force \times distance (along the line of action of the force)	$W = F s$
3	force applied to a spring = spring constant \times extension	$F = k e$
4	moment of a force = force \times distance (normal to direction of force)	$M = F d$
5	pressure = $\frac{\text{force normal to a surface}}{\text{area of that surface}}$	$p = \frac{F}{A}$
6	distance travelled = speed \times time	$s = v t$
7	acceleration = $\frac{\text{change in velocity}}{\text{time taken}}$	$a = \frac{\Delta v}{t}$
8	resultant force = mass \times acceleration	$F = m a$
9 HT	momentum = mass \times velocity	$p = m v$
10	kinetic energy = $0.5 \times \text{mass} \times (\text{speed})^2$	$E_k = \frac{1}{2} m v^2$
11	gravitational potential energy = mass \times gravitational field strength (g) \times height	$E_p = m g h$
12	power = $\frac{\text{energy transferred}}{\text{time}}$	$P = \frac{E}{t}$
13	power = $\frac{\text{work done}}{\text{time}}$	$P = \frac{W}{t}$
14	efficiency = $\frac{\text{useful output energy transfer}}{\text{total input energy transfer}}$	



Equation number	Word equation	Symbol equation
15	efficiency = $\frac{\text{useful power output}}{\text{total power input}}$	
16	wave speed = frequency \times wavelength	$v = f \lambda$
17	charge flow = current \times time	$Q = I t$
18	potential difference = current \times resistance	$V = I R$
19	power = potential difference \times current	$P = V I$
20	power = (current) $^2 \times$ resistance	$P = I^2 R$
21	energy transferred = power \times time	$E = P t$
22	energy transferred = charge flow \times potential difference	$E = Q V$
23	density = $\frac{\text{mass}}{\text{volume}}$	$\rho = \frac{m}{V}$



Resource page

Quizlet

Collins

CGP

Educake

freesciencelessons

AQA
Questions matter

gcsepod

BBC
Bitesize

SENECA

Blooket

Revisely



ClassCharts



The background image is a soft-focus photograph of a study area. In the foreground, an open book lies flat, its pages showing some text. To the left, a white ceramic mug sits on a light-colored surface. Behind the mug, a stack of books is visible, with one book's spine showing a blue and white pattern. The overall lighting is warm and diffused, creating a calm and studious atmosphere.

Reading at KS4

Reading ability (decoding, fluency, vocabulary, comprehension, inference, sequencing) is a vital skill across all GCSE subjects.

Reading demands at GCSE



The reading age required to access a GCSE is 15 years 9 months on average.



This is significantly higher in subjects like History at 17+



There is a significant connection between reading ability and success in all GCSE subjects, the link between good reading and good grades is actually higher in Maths than in some arts subjects like English Literature and History.

Reading has many elements:



Decoding – "word reading" or the ability to decode and understand the meaning behind the letters on a page.



Fluency – the ability to know the meaning of the words on a page and read at speed - a student in Year 10 should be able to read 130 words per minute to access GCSE papers.



Vocabulary – the meaning of words and the understanding that different subjects have important key vocabulary plus an understanding that some words are used in different subjects but have a different meaning.



Comprehension – the ability to understand the main ideas and meaning that a writer is trying to communicate.



Inference – an understanding that there is an additional meaning or sub-text that a writer is trying to convey.



Sequencing – the ability to order a writer's ideas.

Key issues at KS4- skills proving to be a barrier:

Comprehension – students can read a text but are unable to identify the main ideas or meaning in a text.

Inference – students take what they read at face value.

Sequencing – this can be especially confusing when a text contains features such as flashforwards or flashbacks.

How can I support my daughter?

Encourage your daughter to read to younger siblings or family members.

Sub-titles on TV and films.

Reading for meaning such as following a recipe or a set of instructions.

Kindles, I-pads, online magazines and newspapers.

Read anything! Magazines, newspapers, blog posts...

Be a good role model - let your daughter see you reading for pleasure.

Pastoral Support

Head of Year
Miss Hollier

Senior Assistant
Headteacher
Mr Ramsdale

Facilitating Success Miss Hollier



hollier@penworthamgirls.lancs.sch.uk

Facilitating Success

2023	Stu Count	KS2 Prior	9-7 E/M	9-5 E/M	9-4 E/M	EBacc APS	A8	Eng P8	Mat P8	EBacc P8	Open P8	Total P8	Positive P8 Score
Less than 92%	23	107	3	11	20	4.84	51.33	0.22	-0.15	0.32	-0.44	-0.02	13
92% to 96%	42	107	7	31	40	5.61	59.02	0.71	0.24	0.83	0.71	0.7	33
97% or more	89	106.5	26	63	82	5.96	61.56	0.93	0.57	1.49	0.96	1.04	79

Below 90% Attendance

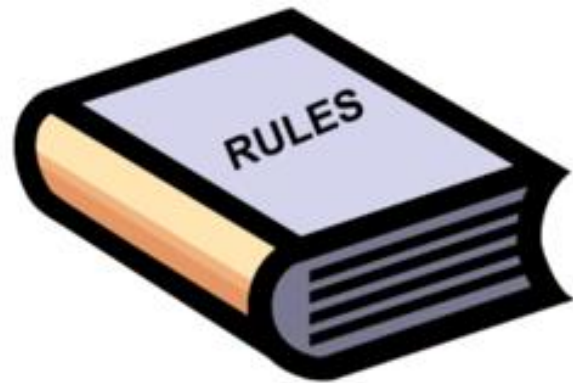
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At least 1 grade below
in every GCSE subject

Every day counts.

If you are not here, you cannot learn!

Facilitating Success



Facilitating success

penworthamgirls.lancs.sch.uk/students/looking-after-yourself/

Penwortham Girls' High School

Home News About Personal Development Parents **Students** Curriculum Safeguarding SEND Contact

IN THIS SECTION:

- Whole @ PGHS
- Careers Education and Futures
- Student Confidential Reporting @ safe
- Exams
- Exam Preparation
- GCSEPod
- Home Learning
- Home School Agreement
- International Women's Day
- Looking After Yourself
- Map of the School
- Student Voice
- Staff Contact Email Addresses
- The Hub

Looking After Yourself

Useful Website Links

- <https://pghs.lancs.digitalhealthyschools.co.uk/>
Visit website
- <https://youngminds.org.uk/find-help/looking-after-yourself/>
Visit website
- https://stem4.org.uk/7gcldp-EAiaQubChMtpNv77E5wVh7THCn3S-QN0EAXXUAAEgVvPD_BwE
Visit website
- <https://www.nhs.uk/using-the-nhs/nhs-services/mental-health-services/camhs-information-for-children-and-young-people/>
Visit website
- <https://www.mind.org.uk/information-support/for-children-and-young-people/useful-contacts/>
Visit website
- <https://www.nhs.uk/oneyou/very-mind-matters/>
Visit website

Want to



Start with the end in mind.

**Plan the route and prepare
for a five-term trek.**



**Mr. Ramsdale
Senior Assistant Headteacher &
Careers Leader**

**Supporting you on the
route to your post-16
destination.**

Spring Term 2025 - Post-16 Interviews

Autumn Term 2024 - Mock Employer Interviews

**Autumn Term 2024 - College and
Apprenticeship Applications**

**Year 11 -
1-2-1 Careers
Interview(s)**

**Summer Term 2024
College Taster Days**

**June 2024 - Year 10
Mock Exams**

**Spring Term 2024
Work Experience**

**September 2023 -
start your new
courses**

What are your options?

Level
4 - 6

Higher Education Qualification (University level)
e.g. Bachelors Degree, Foundation Degree, Degree Apprenticeships

Level
3

Traditional Learning
e.g. A Levels

Vocational Learning
e.g. BTECs, T Levels

**Advanced
Apprenticeship**

Level
2

**Achieve 5 GCSEs grade 9-4
including English & maths**

**Intermediate
Apprenticeship**

**Take a level 1 or 2 course at
college and re-take English and
maths**



RUNSHAW
COLLEGE

A Level Courses:

**5+ Grade 5 minimum
(Grade 6 in core
subjects)**

Vocational Courses:

5 x Grade 4



**A Level
Courses:**

5 x Grade 5

PRESTON'S
COLLEGE

Vocational Courses: 5 x Grade 4




A Level Courses:

**5+ Grade 5 minimum
(Grade 6 in core subjects)**

Vocational Courses:

5 x Grade 4

IMPORTANT NOTE: Several providers insist that you have at least a '6' in those subjects you wish to continue studying at A Level



The End
Thank you for listening