NEW Level 2 Extended Maths Certificate

Giving students the **opportunity to challenge** themselves at Key Stage 4 and build the **perfect foundation** for further study.

Scan the QR code above or use this link to **register your interest** and to find out more.

Now available is the Getting ready to teach **self-paced** interactive online training course which will provide you with an overview of this new qualification before exploring sections in more detail, including the exam papers and how to plan for delivery of the qualification.

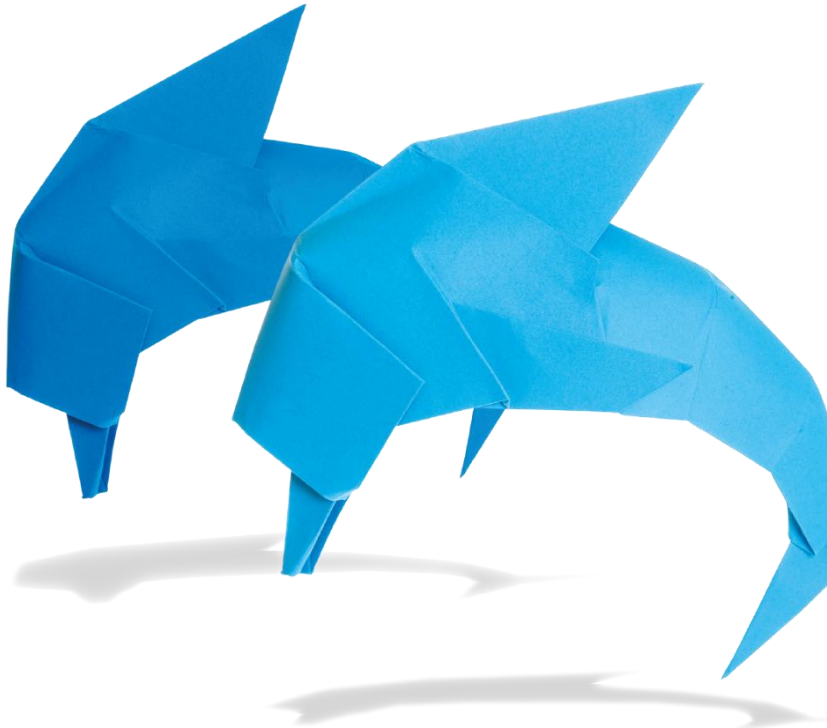
We also have a Getting Ready to Teach Live Q&A which is available to sign up for, where you can pre-submit questions after completing the interactive online course. This live network is on Wednesday 9 July, 4–5pm.

GCSE Maths: Results Plus and Access to Scripts will be starting soon

GCSE Mathematics

ResultsPlus and Access to Scripts

Chris Seager and Mel Muldowney



Welcome!

First and foremost … we are teachers!

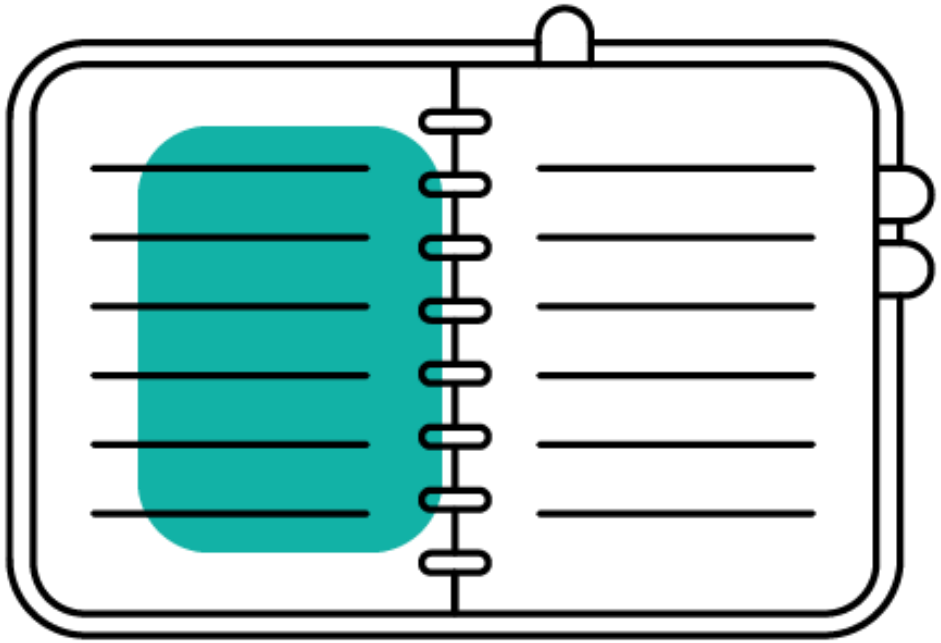
- Most improved school in England
- TES Maths Team of year
- JustMaths
- Pearson Credible Specialists

© Pearson Education 2025

Aims and objectives

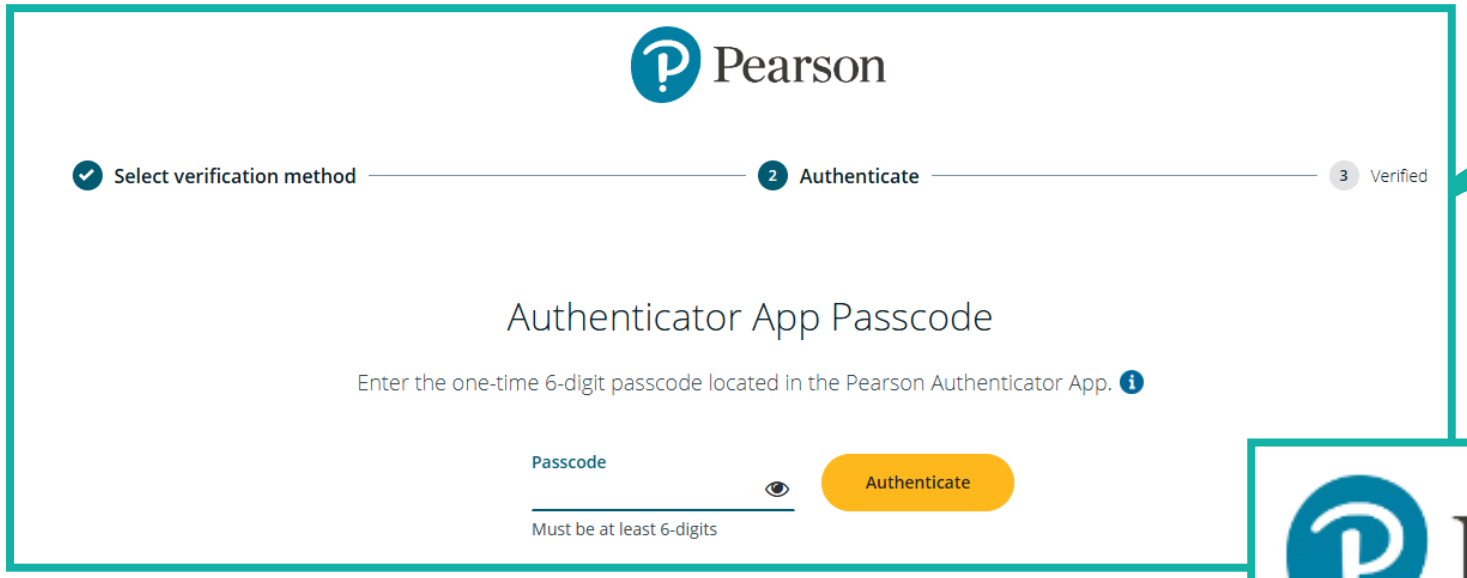
After this, we hope you will:

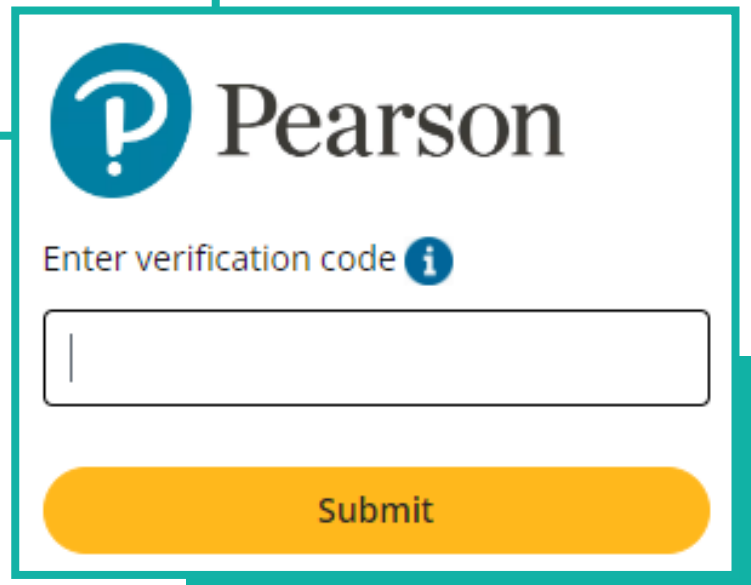
- Have some ides as to how to use ResultsPlus to drive improvements and learn from mistakes!
- Be able to use ResultsPlus alongside script viewer to help prepare future year groups for their GCSE exams.

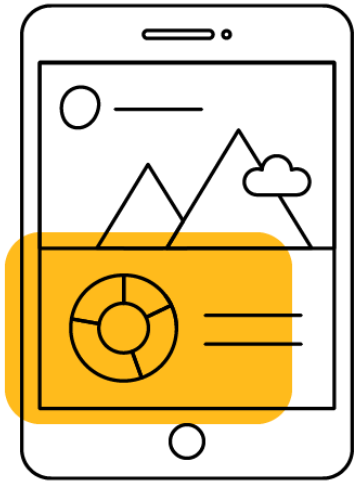


© Pearson Education 2025

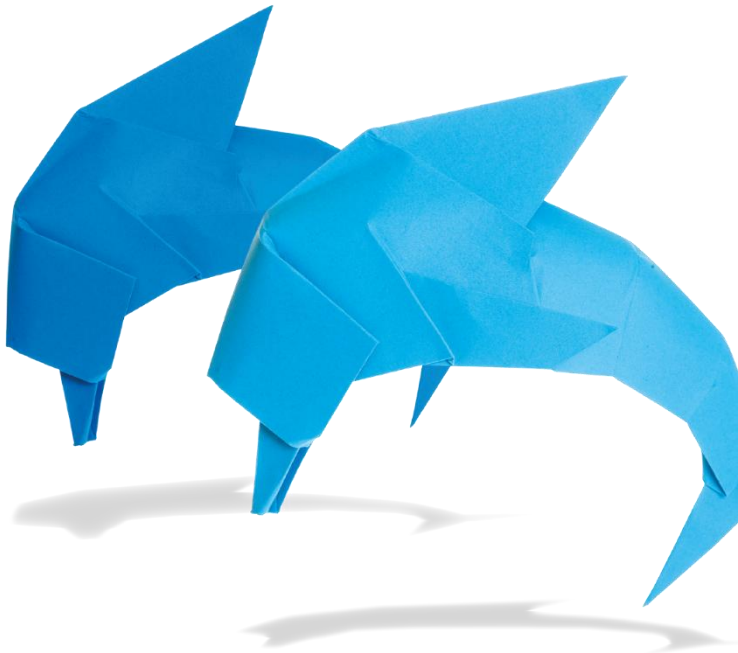
POLITE REMINDER – Download the Pearson Authenticator App!



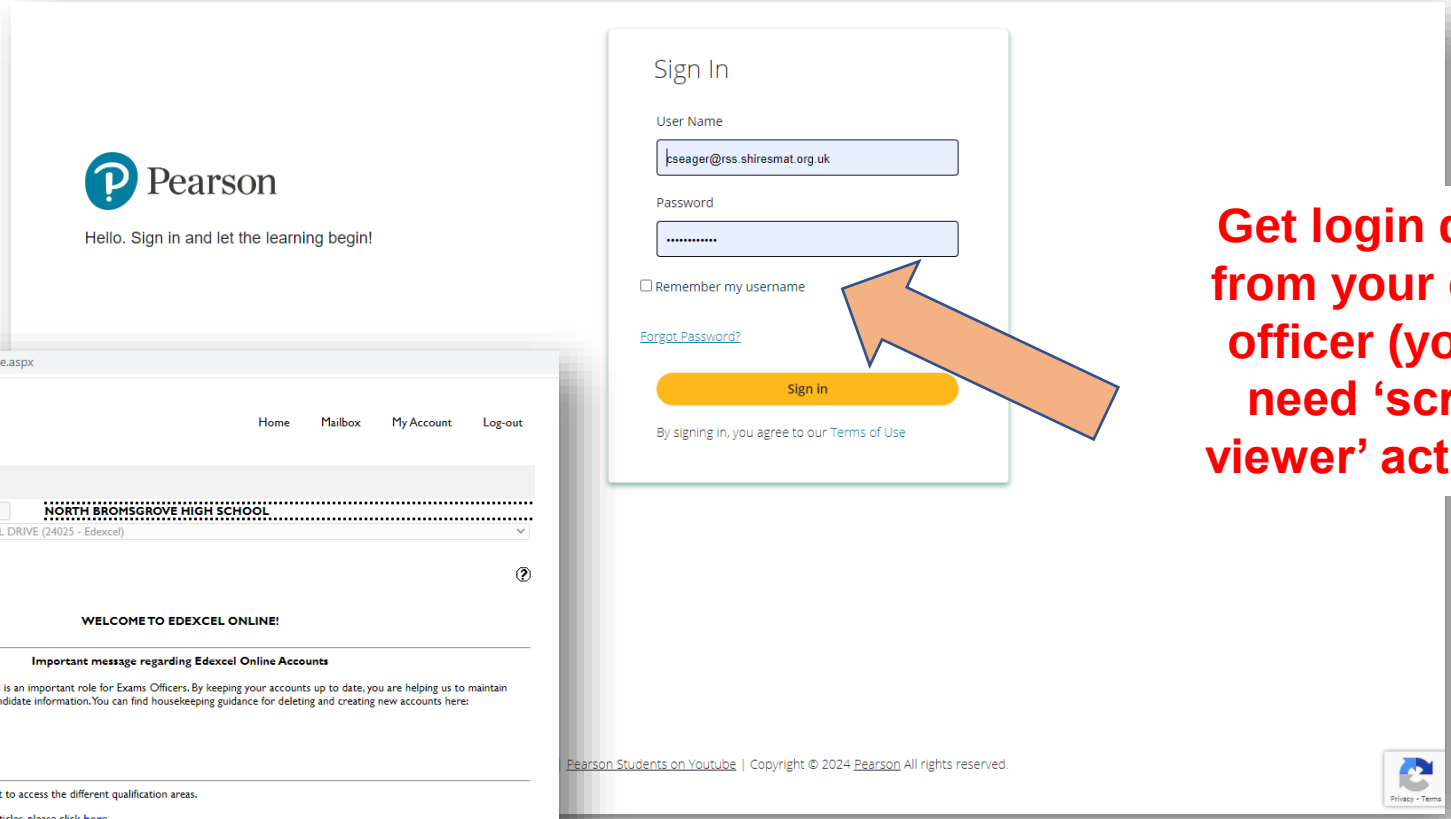




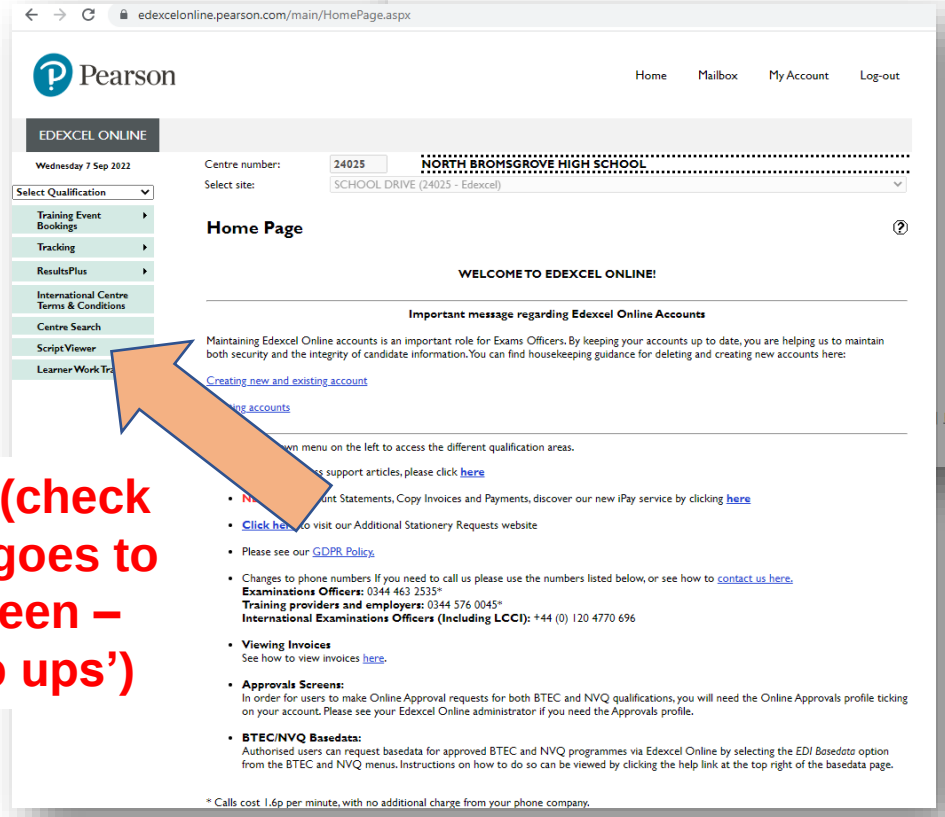
What is Script Viewer?



https://edexcelonline.pearson.com (or google ‘script viewer’!)

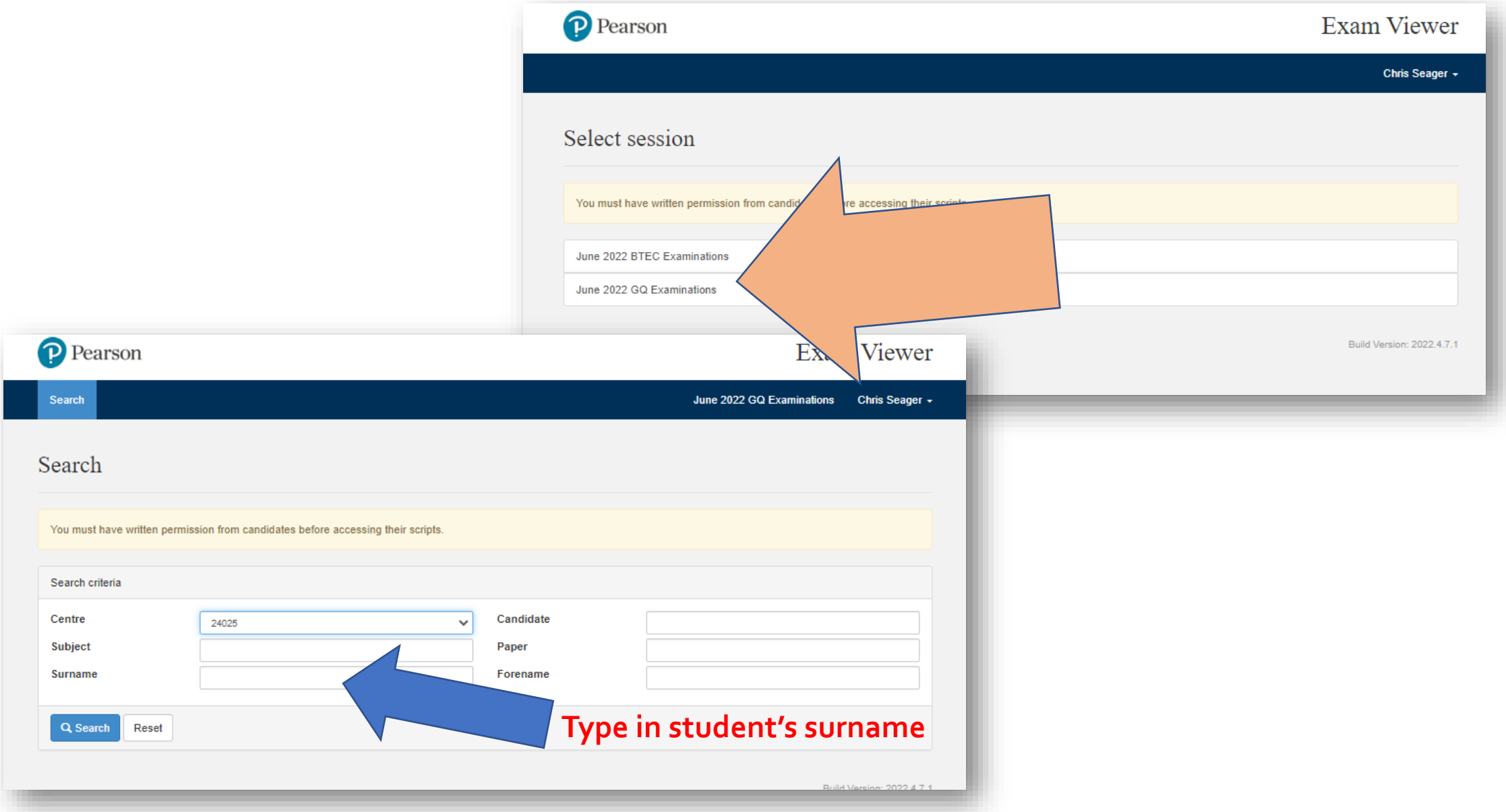


Get login details from your exams officer (you will need ‘scripter viewer’ activated)

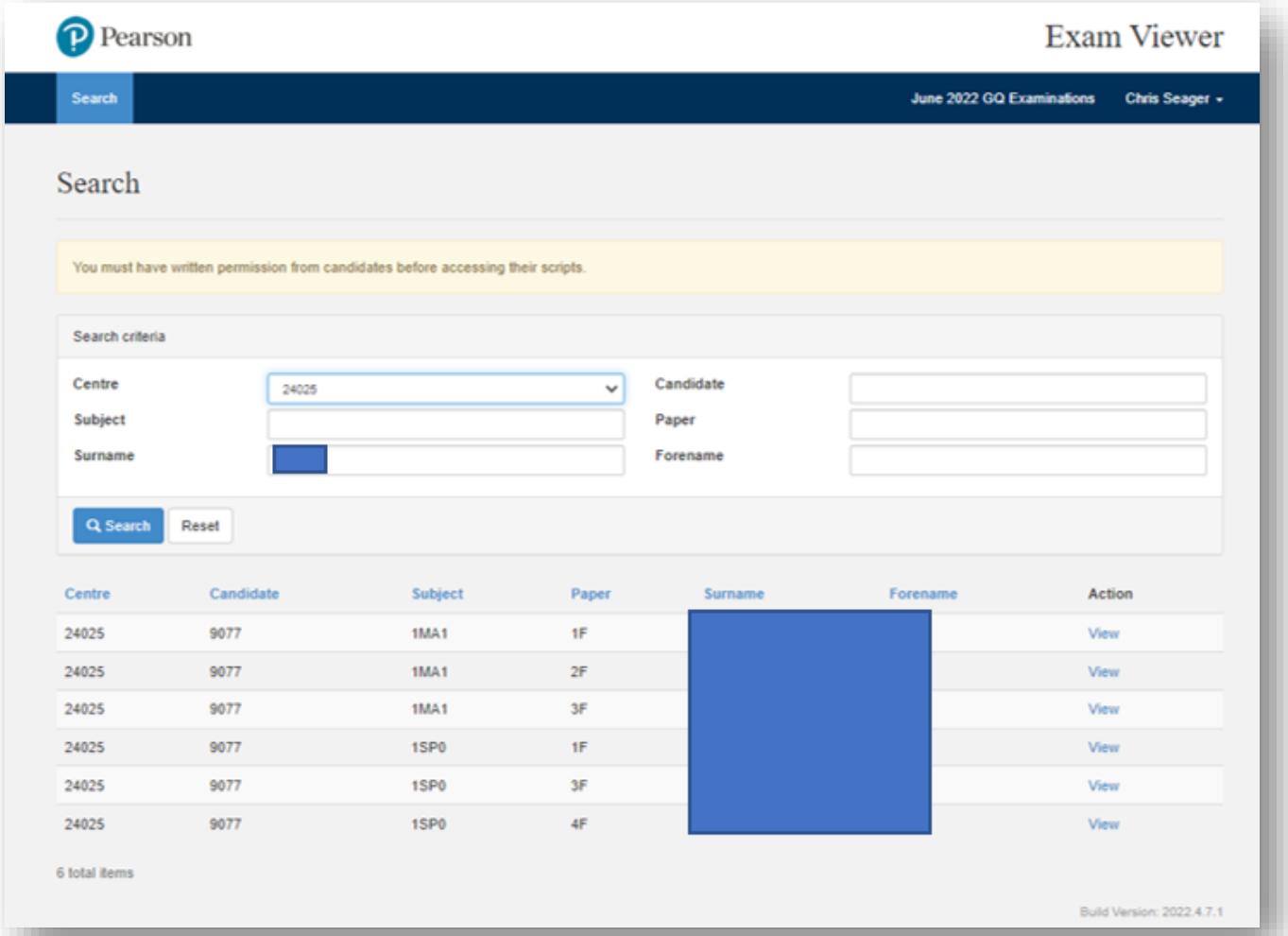


Click here (check settings if goes to blank screen – ‘allow pop ups’)

https://edexcelonline.pearson.com (or google ‘script viewer’!)

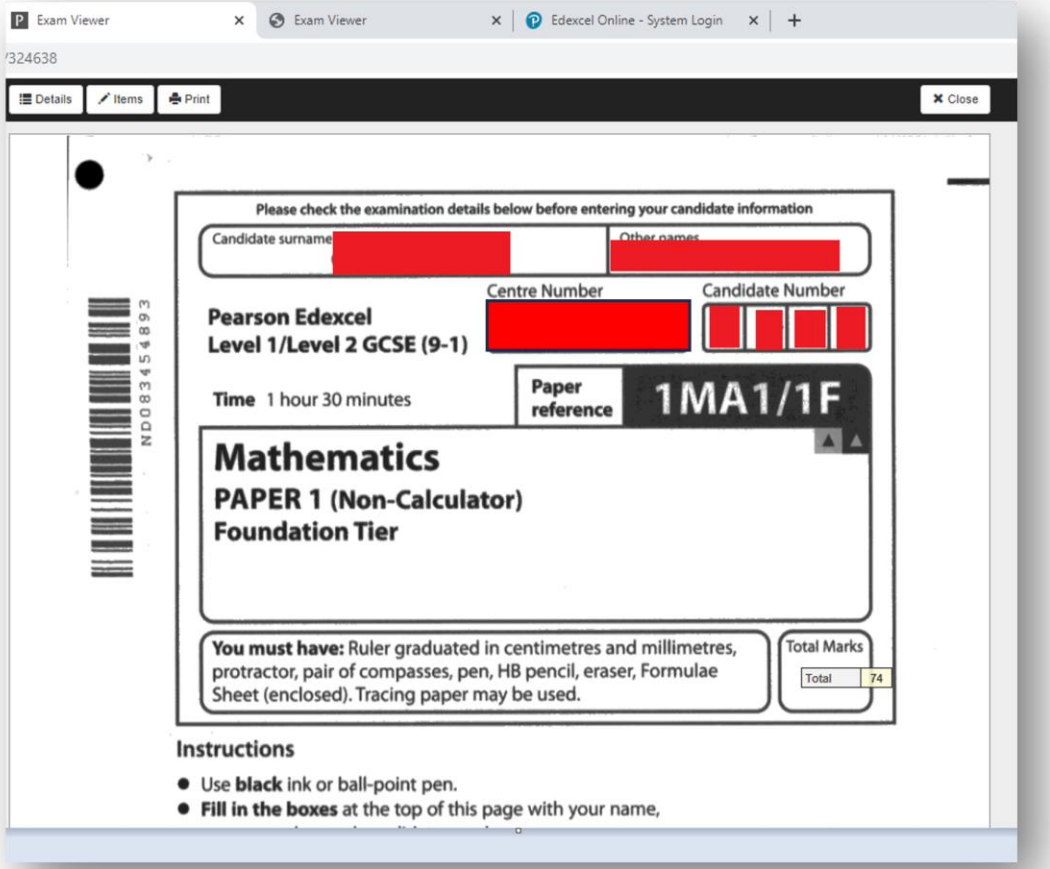


https://edexcelonline.pearson.com (or google ‘script viewer’!)



All Pearson GCSE exam subjects for this student

https://edexcelonline.pearson.com (or google ‘script viewer’!)



Exam Viewer | Exam Viewer | Edexcel Online - System Login

Details | Items | Print | Close

Please check the examination details below before entering your candidate information

Candidate surname [redacted] Other names [redacted]

Centre Number [redacted] Candidate Number

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)

Time 1 hour 30 minutes

Paper reference 1MA1/1F

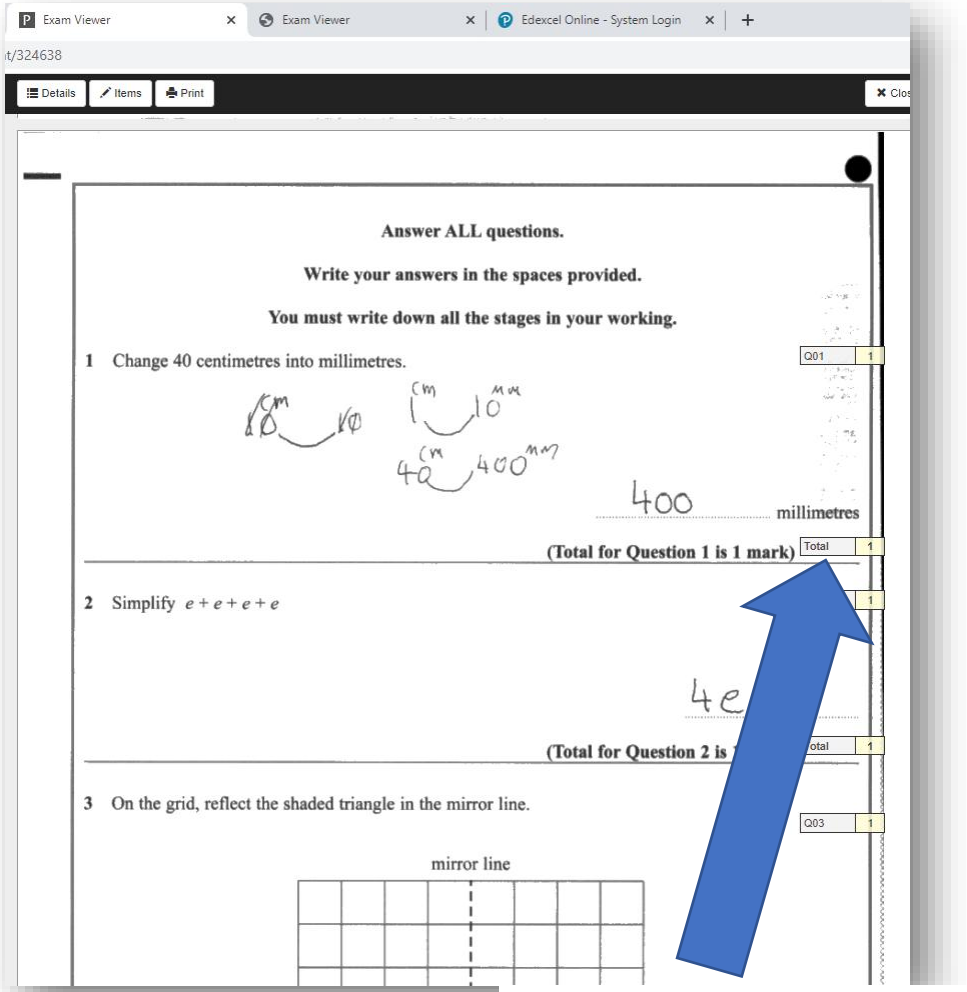
Mathematics
PAPER 1 (Non-Calculator)
Foundation Tier

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser, Formulae Sheet (enclosed). Tracing paper may be used.

Total Marks: Total 74

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name,



Exam Viewer | Exam Viewer | Edexcel Online - System Login

Details | Items | Print | Close

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

1 Change 40 centimetres into millimetres. Q01 1

400 millimetres

(Total for Question 1 is 1 mark) Total 1

2 Simplify $e + e + e + e$ 1

4e

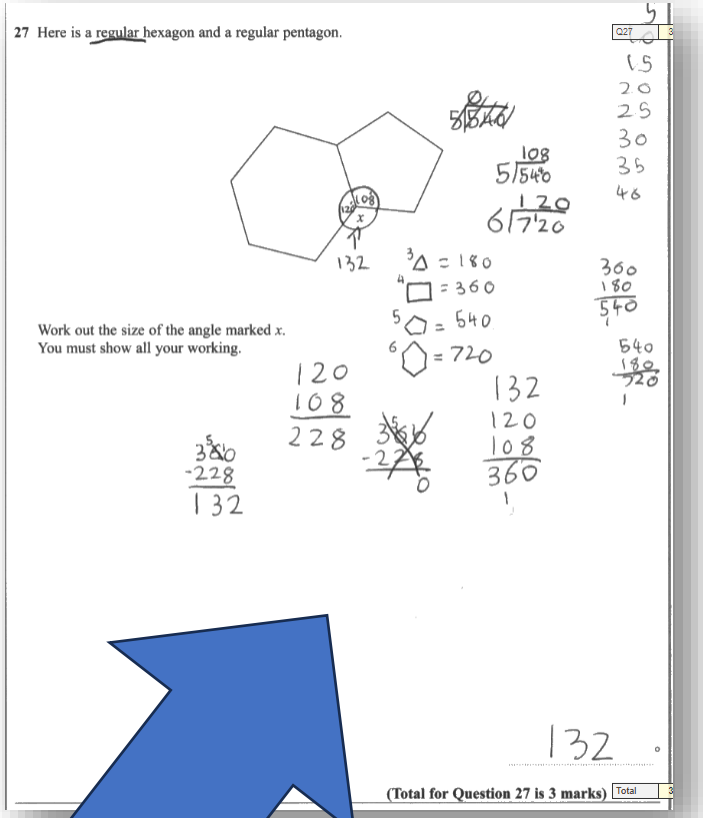
(Total for Question 2 is 1) Total 1

3 On the grid, reflect the shaded triangle in the mirror line. Q03 1

mirror line

Score for each Q

https://edexcelonline.pearson.com (or google ‘script viewer’!)



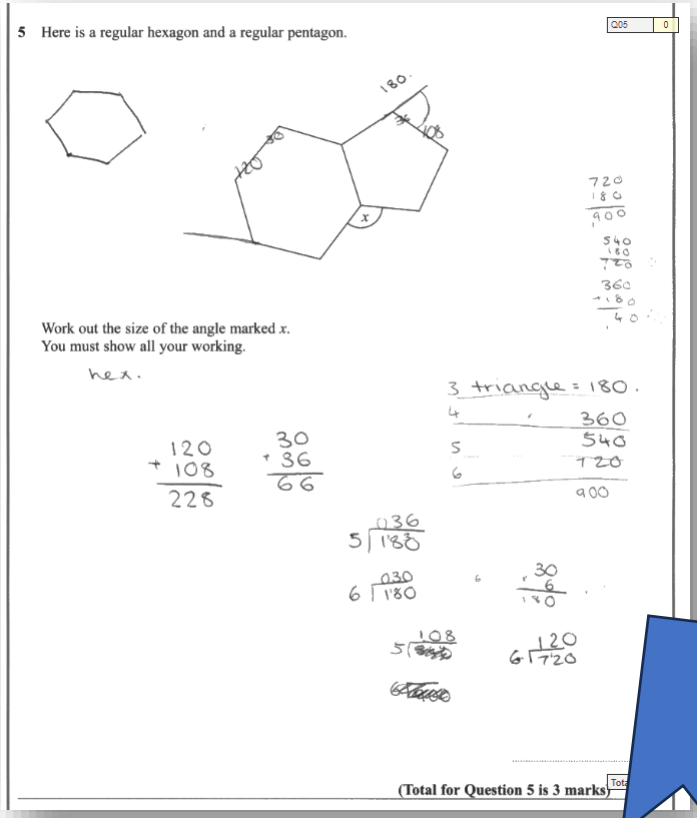
27 Here is a regular hexagon and a regular pentagon.

Work out the size of the angle marked x.
You must show all your working.

132

(Total for Question 27 is 3 marks)

Foundation Student



5 Here is a regular hexagon and a regular pentagon.

Work out the size of the angle marked x.
You must show all your working.

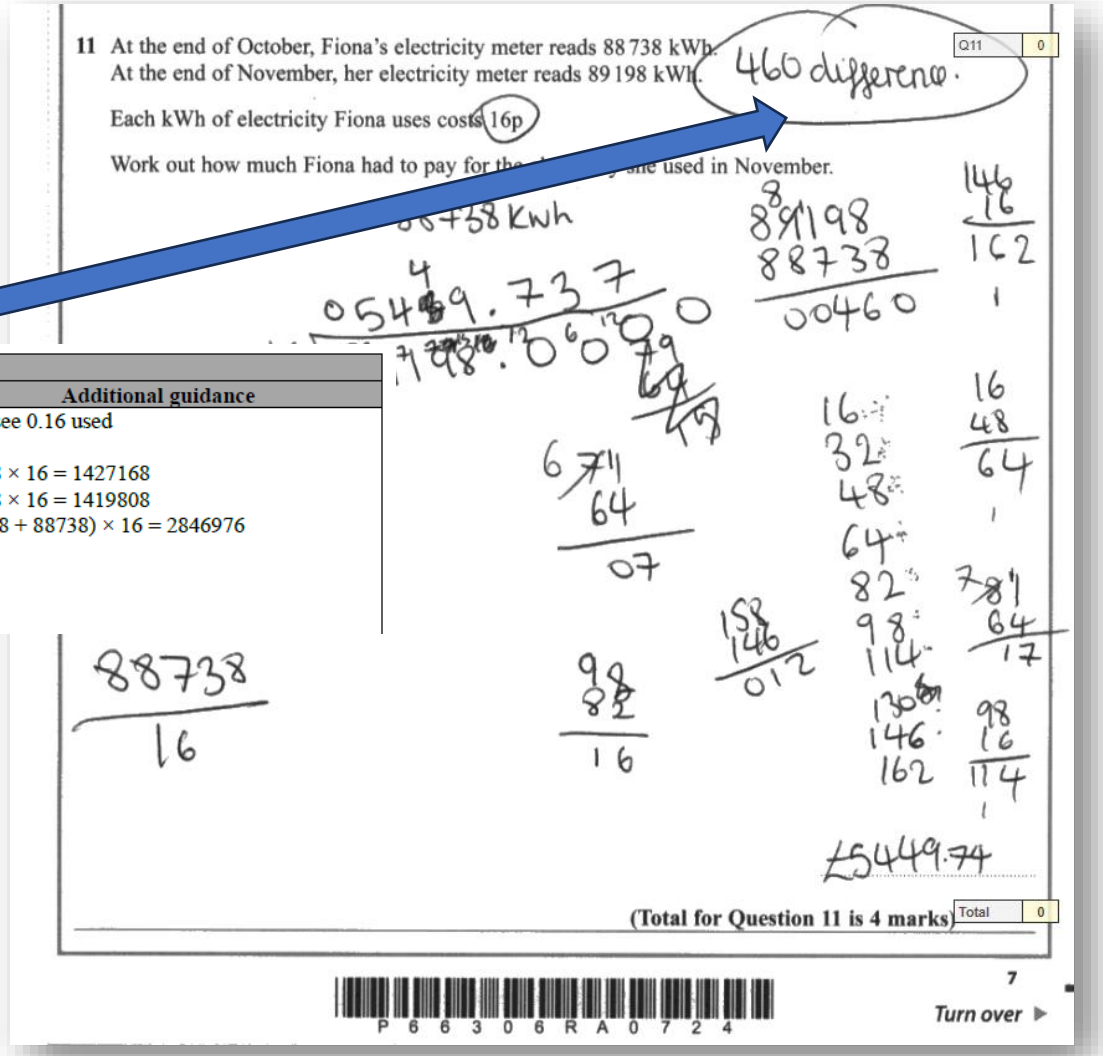
(Total for Question 5 is 3 marks)

Higher Student

Not just for ‘re-marks’

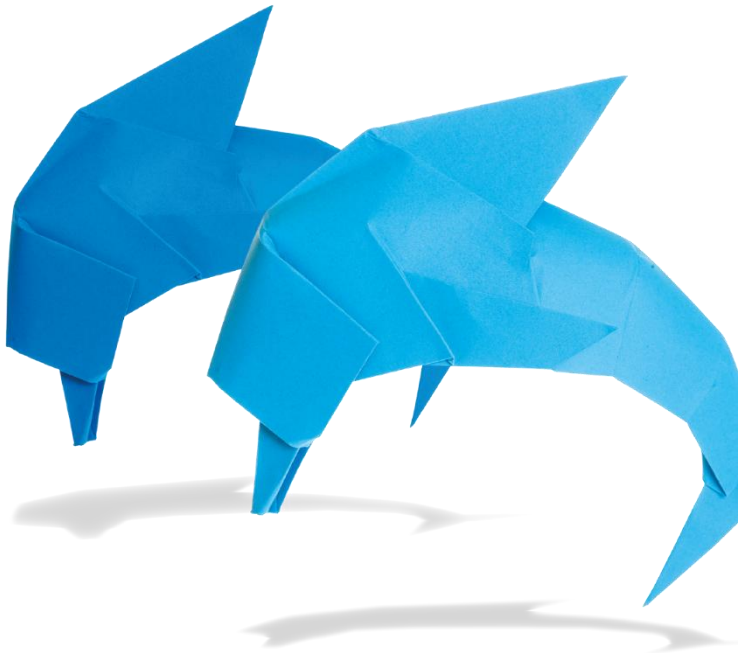
Josh is 1 mark off a grade 5

Paper: 1MA1/1F				
Question	Answer	Mark	[illegible]	Additional guidance
11	£73.60 or 7360p	M1	for 89198 – 88738 (= 460)	May see 0.16 used
			OR for showing 89198 × 16 or 88738 × 16	89198 × 16 = 1427168 88738 × 16 = 1419808
			OR for showing (89198 + 88738) × 16	(89198 + 88738) × 16 = 2846976
		M1	for showing “460” × 16	
			OR for showing 89198 × 16 – 88738 × 16	

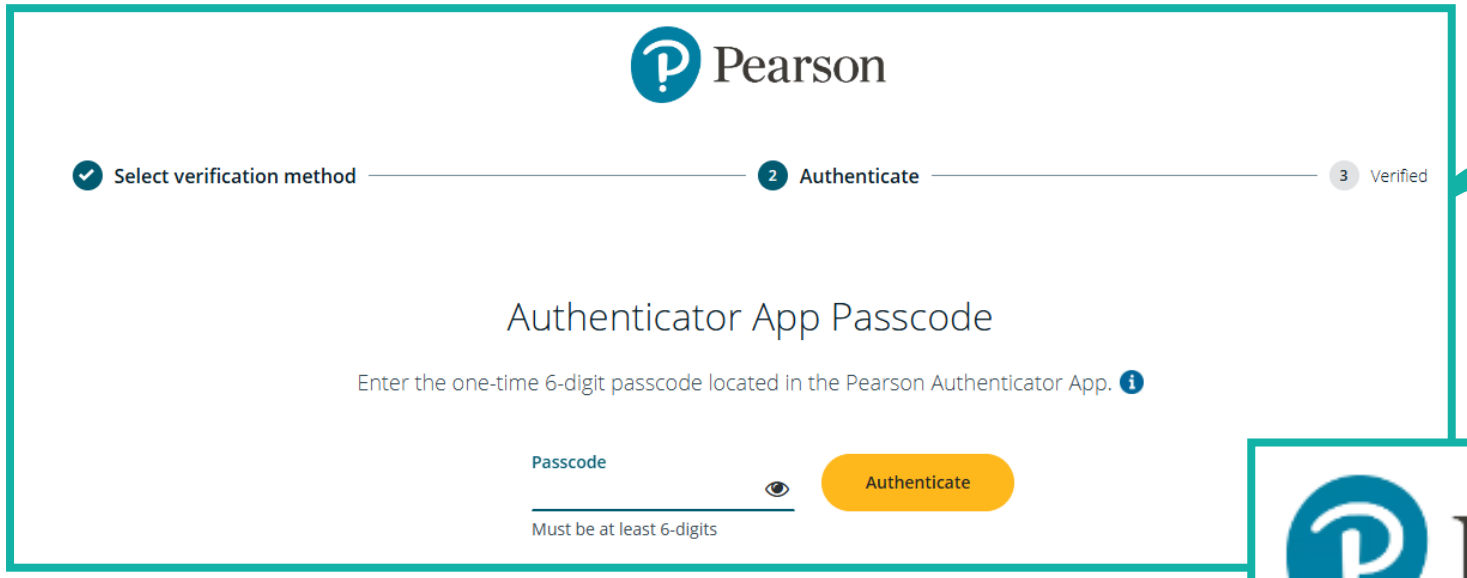


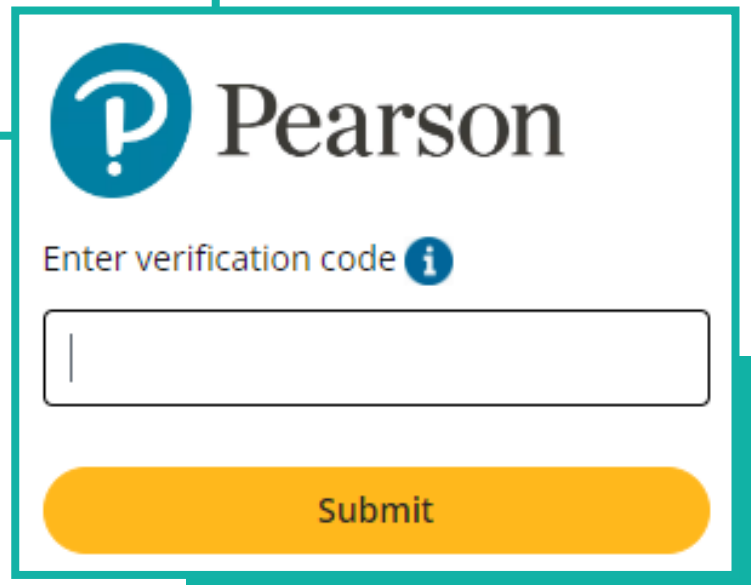
MARKSCHEME TRAINING AVAILABLE!

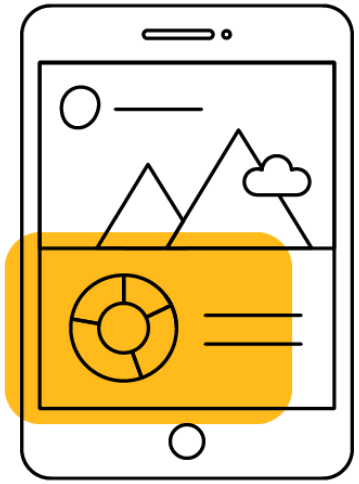
What is ResultsPlus?



POLITE REMINDER – Download the Pearson Authenticator App!







https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)

From Edexcel Online

EDEXCEL ONLINE

Wednesday 25 Jun 2025

Select Qualification

Training Event Bookings

Tracking

ResultsPlus

Centre Search

OSCA

Script Viewer

Learner Work Transfer

T Level Results

WELCOME TO EDEXCEL ONLINE

Edexcel Online Account Management

Maintaining Edexcel Online accounts is an important role for Exams Officers. By keeping your accounts up to date, you are helping us to maintain both security and the integrity of candidate information.

Create a New Account
User Profile Options
Access & Login Troubleshooting
Deleting Accounts
Changing or Ame
Resetting your Pa
Account Options

Important information regarding your Edex

We will be carrying out routine maintenance to the Edexcel Online mailbox
As part of that maintenance we will be deleting older General Qualifications

These files can be re-requested if needed from the appropriate qualification
do this can be found here.

Summer Key Dates (centre action may be required)

Please see below for some of the main key dates you may need to be aware
qualifications website.

Sign In

User Name

cseager@rss.shiresmat.org.uk

Password

Remember my username

Forgot Password?

Sign in

By signing in, you agree to our Ter

Speak to Exam Officer

From Google search

Pearson | Qualifications

SUBJECTS | QUALIFICATIONS | SUPPORT | ABOUT US | CONTACT US

Support topics | Services | Key dates | Resources | Overview

About published resources
About endorsed resources
About course materials

> Support > Services > ResultsPlus

Services
ResultsPlus

ResultsPlus

nline results analysis tool for teachers. Included as part of your
ResultsPlus gives you a detailed breakdown of your students' performance
el exams and BTEC external assessments.

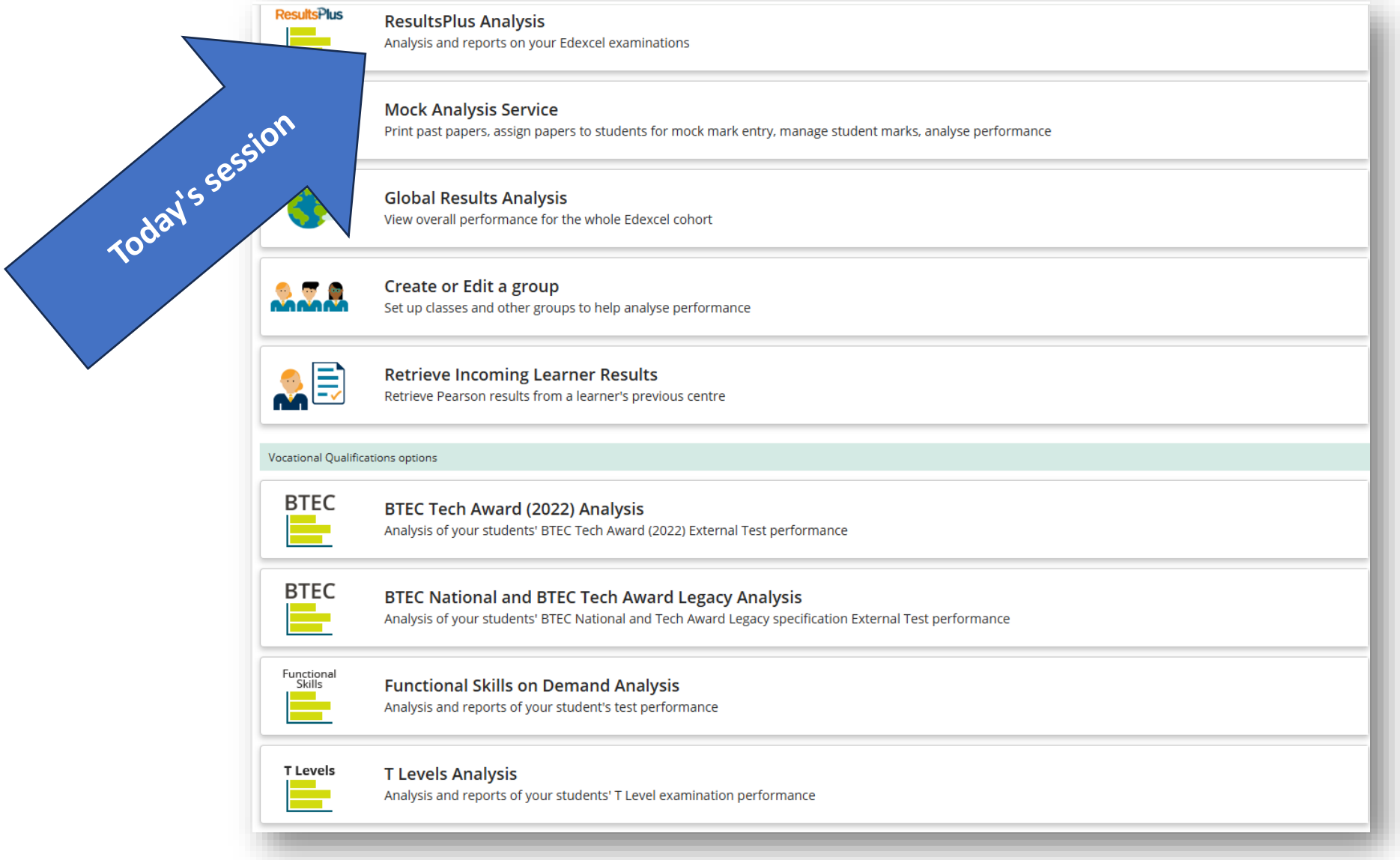
uld I use ResultsPlus?

- Pr detailed analysis of your learners performance.
- Ide potential topics, skills and types of question where students may need to develop their learning further.
- See actual scores for each exam question for a student, class or group.
- Understand how your students' performance compares with class and Pearson Edexcel national averages.
- Acquire data that may support effective learning and teaching approaches.

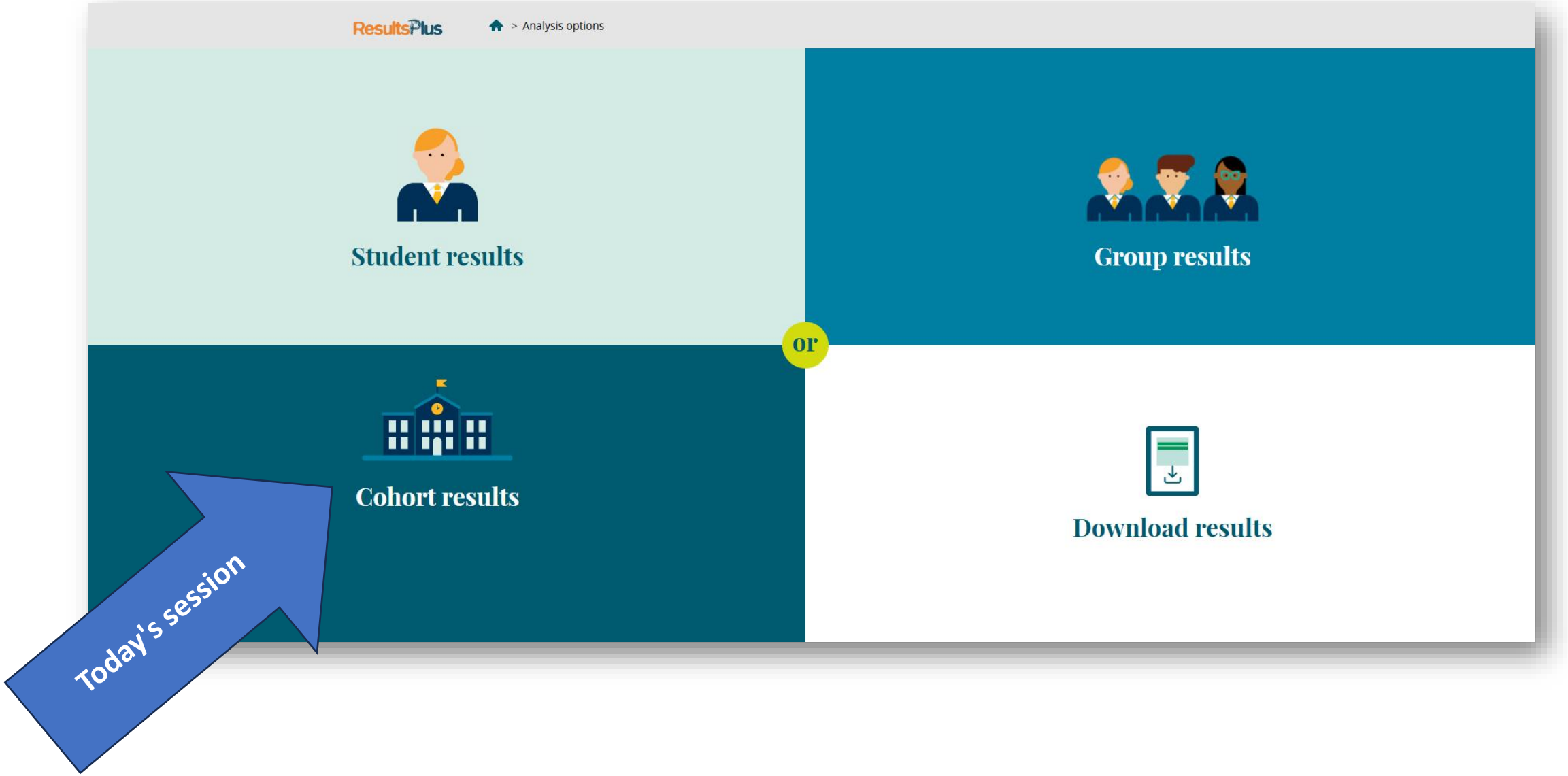
ResultsPlus

Register for ResultsPlus
FAQs
New post-16 functionality
Functional Skills
BTEC Nationals
ResultsPlus for Mocks Service
Group Analysis
T Levels

https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)



https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)



https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)

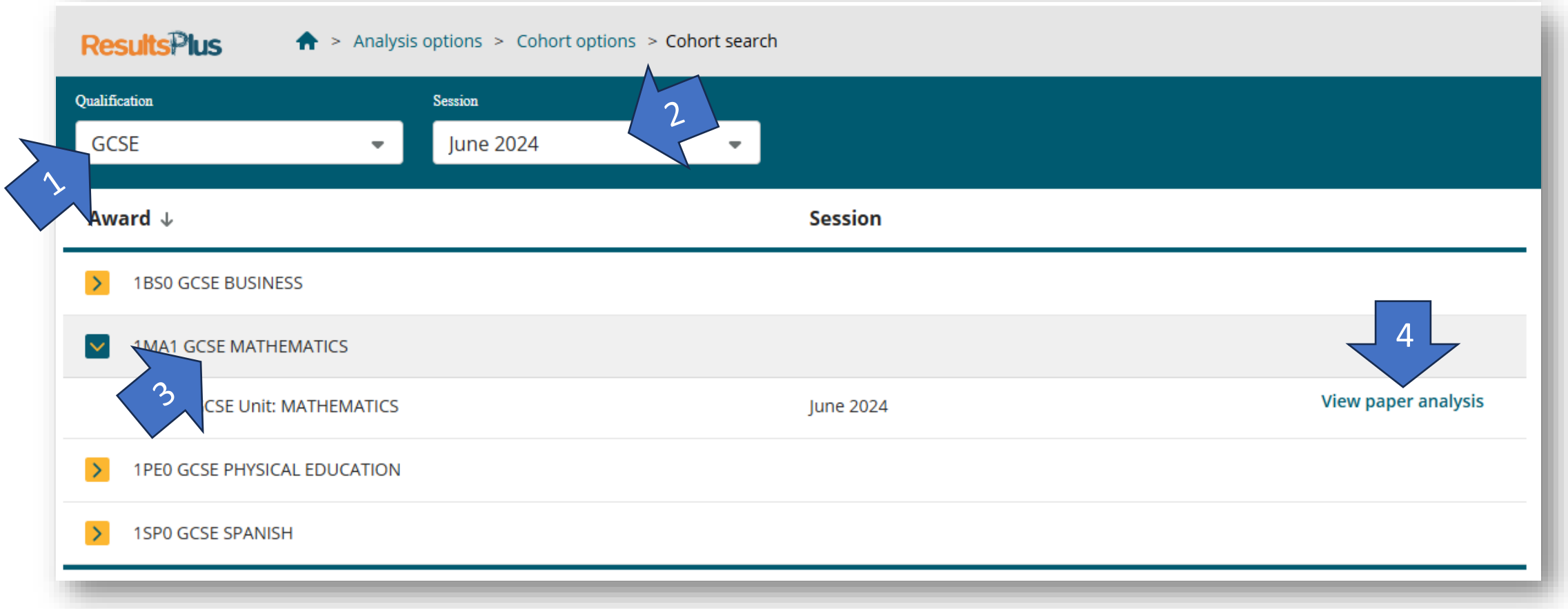
Cohort paper analysis

or

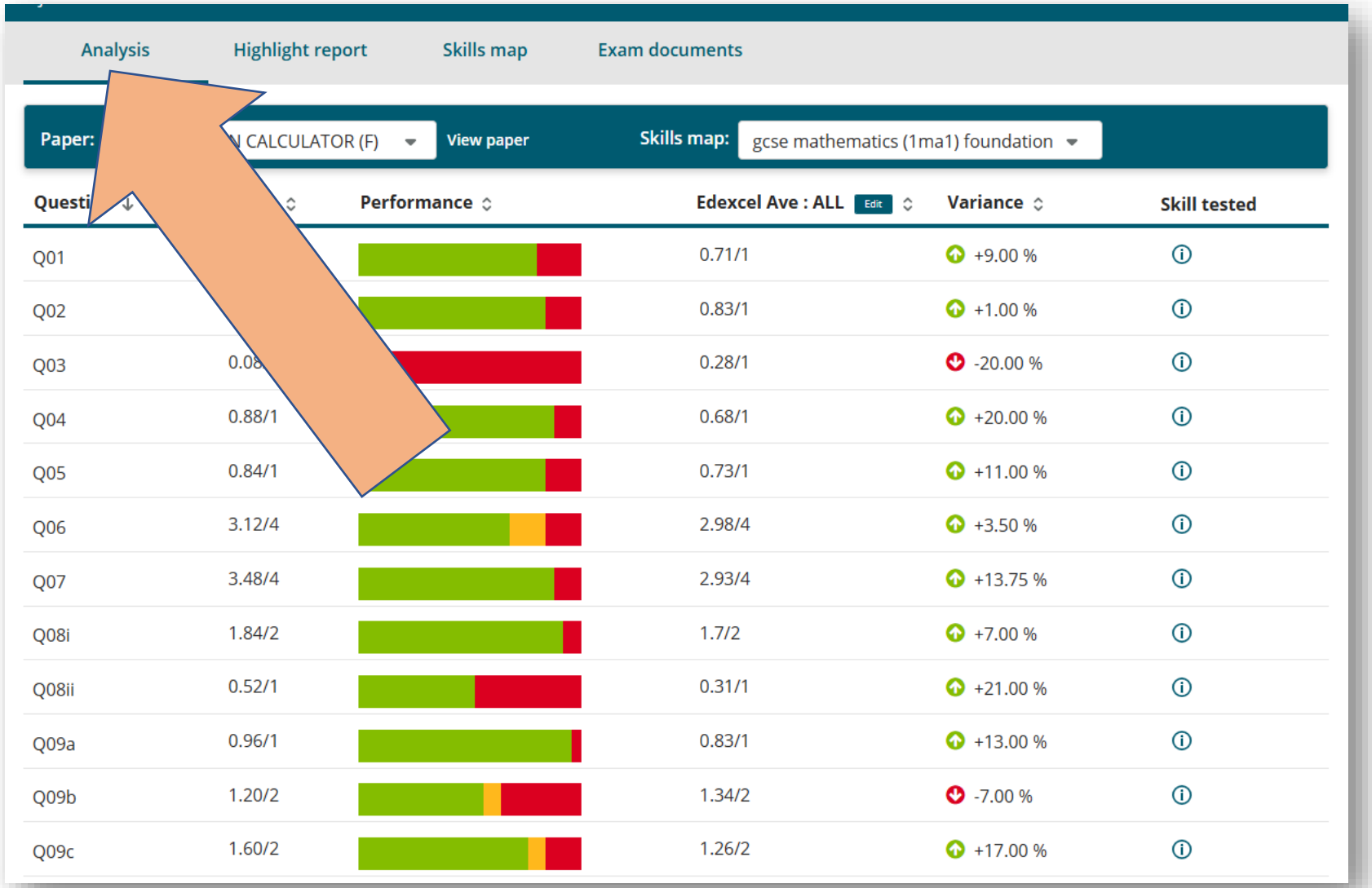
Cohort grade reports

Today's session

https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)



https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)



Analysis | Highlight report | Skills map | Exam documents

Paper: N CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Questi		Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q01			0.71/1	+9.00 %	
Q02			0.83/1	+1.00 %	
Q03	0.08		0.28/1	-20.00 %	
Q04	0.88/1		0.68/1	+20.00 %	
Q05	0.84/1		0.73/1	+11.00 %	
Q06	3.12/4		2.98/4	+3.50 %	
Q07	3.48/4		2.93/4	+13.75 %	
Q08i	1.84/2		1.7/2	+7.00 %	
Q08ii	0.52/1		0.31/1	+21.00 %	
Q09a	0.96/1		0.83/1	+13.00 %	
Q09b	1.20/2		1.34/2	-7.00 %	
Q09c	1.60/2		1.26/2	+17.00 %	

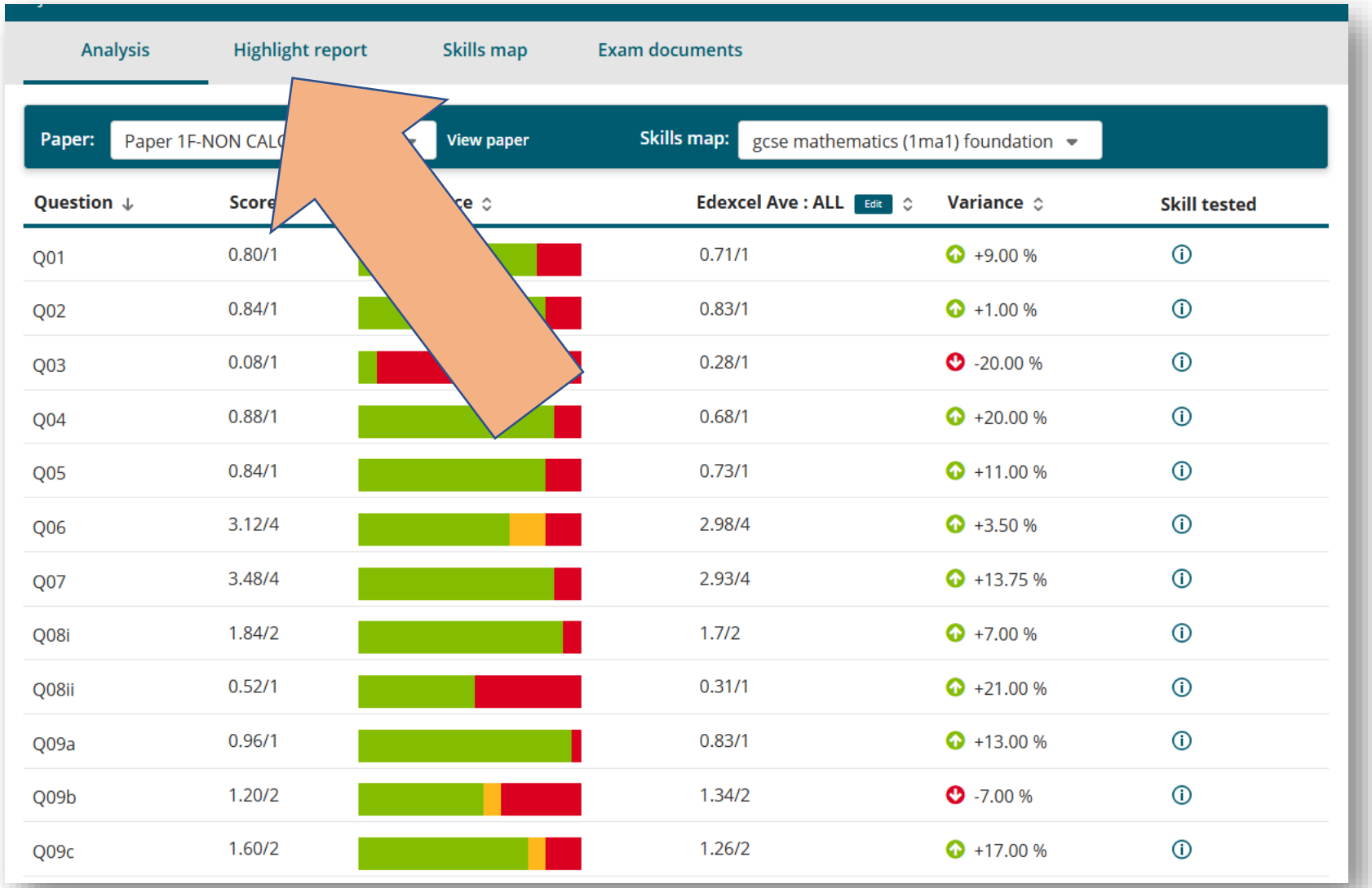
https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)

Entire Paper

Paper: Paper 1F-NON CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

	Score	Performance	Edexcel Ave : ALL	Variance	Skill tested
	0.80/1		0.71/1	+9.00 %	
	0.84/1		0.83/1	+1.00 %	
Q03	0.08/1		0.28/1	-20.00 %	
Q04	0.88/1		0.68/1	+20.00 %	
Q05	0.84/1		0.73/1	+11.00 %	
Q06	3.12/4		2.98/4	+3.50 %	
Q07	3.48/4		2.93/4	+13.75 %	
Q08i	1.84/2		1.7/2	+7.00 %	
Q08ii	0.52/1		0.31/1	+21.00 %	
Q09a	0.96/1		0.83/1	+13.00 %	
Q09b	1.20/2		1.34/2	-7.00 %	
Q09c	1.60/2		1.26/2	+17.00 %	
Q10	1.72/2		1.49/2	+11.50 %	
Q11a	0.24/1		0.52/1	-28.00 %	
Q11b	0.68/1		0.65/1	+3.00 %	
Q11c	0.72/1		0.67/1	+5.00 %	
Q12	1.84/4		1.91/4	-1.75 %	
Q13a	0.48/1		0.52/1	-4.00 %	
Q13b	0.80/2		0.63/2	+8.50 %	
Q14	2.40/3		2.1/3	+10.00 %	
Q15a	0.68/1		0.45/1	+23.00 %	
Q15b	1.52/2		1.12/2	+20.00 %	

https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)



Analysis | Highlight report | Skills map | Exam documents

Paper: Paper 1F-NON CALC | View paper | Skills map: gcse mathematics (1ma1) foundation

Question	Score	Edexcel Ave : ALL	Variance	Skill tested
Q01	0.80/1	0.71/1	+9.00 %	
Q02	0.84/1	0.83/1	+1.00 %	
Q03	0.08/1	0.28/1	-20.00 %	
Q04	0.88/1	0.68/1	+20.00 %	
Q05	0.84/1	0.73/1	+11.00 %	
Q06	3.12/4	2.98/4	+3.50 %	
Q07	3.48/4	2.93/4	+13.75 %	
Q08i	1.84/2	1.7/2	+7.00 %	
Q08ii	0.52/1	0.31/1	+21.00 %	
Q09a	0.96/1	0.83/1	+13.00 %	
Q09b	1.20/2	1.34/2	-7.00 %	
Q09c	1.60/2	1.26/2	+17.00 %	

https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)

Tier

Keep scrolling down!

Skills map: gcse mathematics (1ma1) foundation

ohort's top 10 skills to celebrate in relation to the Edexcel average were:

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
The nth term of a sequence	1.8/2	90%	0.91/2	+44.50 %
Growth and decay, compound interest	2.73/4	68%	1.22/4	+37.75 %
Graphs of quadratic functions	1.46/2	73%	0.76/2	+35.00 %
Graphs of linear functions	2.38/3	79%	1.39/3	+33.00 %
Compare lengths, areas and volumes using ratio notation	1.65/2	83%	1.04/2	+30.50 %
Circle definitions and properties	1.5/2	75%	0.93/2	+28.50 %
Pythagoras’s Theorem and Trigonometry	1/2	50%	0.44/2	+28.00 %
Pie charts	2.12/3	71%	1.37/3	+25.00 %
ex tation	3.22/4	81%	2.24/4	+24.50 %
wings and bearings	1.77/2	89%	1.29/2	+24.00 %

This cohort's top 10 skills to improve in relation to the Edexcel average were:

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
Factorise expressions	0.65/2	33%	0.82/2	-8.50 %

https://qualifications.pearson.com/en/support/Services/ResultsPlus.html (Google ‘Results Plus’)

By Skill

By Question

This cohort's top 10 skills to improve in relation to the Edexcel average were:

Skill Title	Score	Percentage	Edexcel	
Factorise expressions	0.65/2	33%	0.82/2	
Conventional geometrical terms and notation	0.82/2	41%	0.92/2	
Graphs and equations of lines	0.16/4	4%	0.27/4	
Solve linear inequalities	0.08/3	3%	0.16/3	
Simplify and manipulate algebraic expressions and fractions	0.73/1	73%	0.75/1	
Perimeters of 2D shapes	1.84/4	46%	1.91/4	-1.75 %
Pictograms	4.46/5	89%	4.47/5	-0.20 %
Two way tables	2.65/3	88%	2.64/3	+0.33 %
Areas of composite shapes	1.16/4	29%	1.14/4	+0.50 %
Conversion between fractions, decimals and percentages	1.76/2	88%	1.74/2	+1.00 %

This cohort's top 10 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q06b	0.19/1		0.6/1	-41.00 %	
Q12a	0.31/2		1.06/2	-37.50 %	
Q12b	0.31/2		1.05/2	-37.00 %	
Q11a	0.24/1		0.52/1	-28.00 %	
Q16c	0.23/2		0.75/2	-26.00 %	
Q19	0.85/3		1.59/3	-24.67 %	
Q15a	0.42/1		0.66/1	-24.00 %	
Q12	0.73/2		1.2/2	-23.50 %	
Q15	0.23/2		0.69/2	-23.00 %	
Q02b	0.46/1		0.69/1	-23.00 %	

You can drill down to per paper with questions

Download the papers ready too!

Please check the examination details below before entering your candidate information

Candidate surname | Other names

Centre Number | Candidate Number

Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Thursday 15 May 2025

Morning (Time: 1 hour 30 minutes)

Paper reference **1MA1/1F**

Mathematics

PAPER 1 (Non-Calculator)

Foundation Tier

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB or B pencil, eraser. Formulae Sheet (enclosed). Tracing paper may be used.

Instructions

- Use **black** ink or ball-point pen.
- If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- **Calculators may not be used.**

Information

- The total mark for this paper is 80
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

P76402A

P76403A

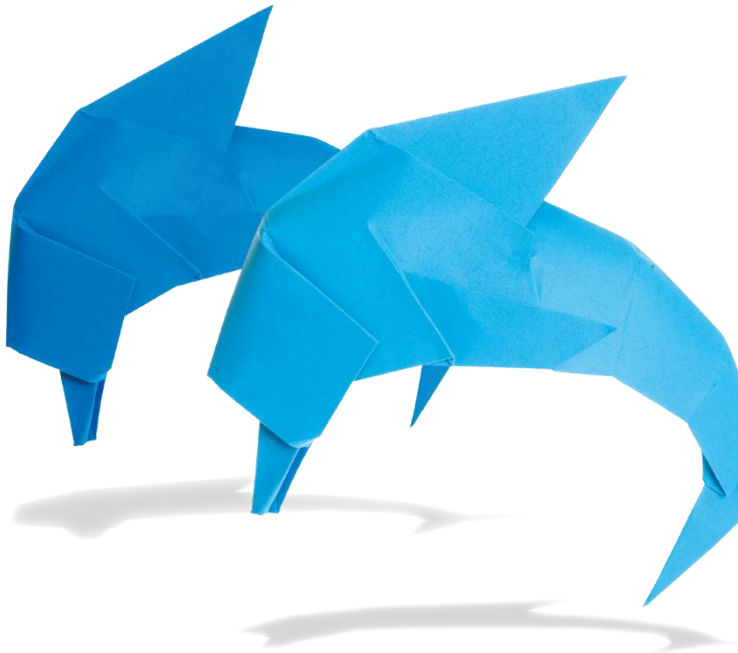
Turn over

Pearson

Case Study

Chris Seager

HoD Ridgeway Secondary School



Foundation ‘Top’ Questions

Check the paper!

Paper: All

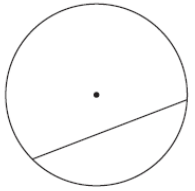
his cohort's top 5 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill te
Q18	0.92/1		0.32/1	+60.00 %	
Q28a	0.69/1		0.14/1	+55.00 %	
Q10b	0.62/1		0.15/1	+47.00 %	
Q20	1.8/2		0.91/2	+44.50 %	
Q21b	0.73/1		0.33/1	+40.00 %	

18 Write down the value of 10^0

(Total for Question 18 is 1 mark)

Here is another circle.



(b) Write down the mathematical name for the straight line inside this circle.

(1)

11 (a) Work out $-12 \div -4$

(b) Factorise $m^2 + 5m$

This cohort's top 5 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q06b	0.19/1		0.6/1	-41.00 %	
Q12a	0.31/2		1.06/2	-37.50 %	
Q12b	0.31/2		1.05/2	-37.00 %	
Q11a	0.24/1		0.52/1	-28.00 %	
Q16c	0.23/2		0.75/2	-26.00 %	

Foundation ‘Top 5’ **Skills**

This cohort's top 5 skills to celebrate in relation to the Edexcel average were:

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
The nth term of a sequence	1.8/2	90%	0.91/2	+44.50 %
Growth and decay, compound interest	2.73/4	68%	1.22/4	+37.75 %
Graphs of quadratic functions	1.46/2	73%	0.76/2	+35.00 %
Graphs of linear functions	2.38/3	79%	1.39/3	+33.00 %
Compare lengths, areas and volumes using ratio notation	1.65/2	83%	1.04/2	+30.50 %

This cohort's top 5 skills to improve in relation to the Edexcel average were:

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
Factorise expressions	0.65/2	33%	0.82/2	-8.50 %
Conventional geometrical terms and notation	0.82/2	41%	0.92/2	-5.00 %
Graphs and equations of lines	0.16/4	4%	0.27/4	-2.75 %
Solve linear inequalities	0.08/3	3%	0.16/3	-2.67 %
Simplify and manipulate algebraic expressions and fractions	0.73/1	73%	0.75/1	-2.00 %

Foundation ‘Top 5’ Skills BEST

1

Paper 1

20 Here are the first four terms of an arithmetic sequence.

1 5 9 13

Find an expression, in terms of n, for the nth term of this sequence.

.....

(Total for Question 20 is 2 m

2

Paper 3

25 A company has 25 000 workers.
The number of workers increases at a rate of 6% per year for 3 years.

Calculate the total number of workers at the end of the 3 years.

.....

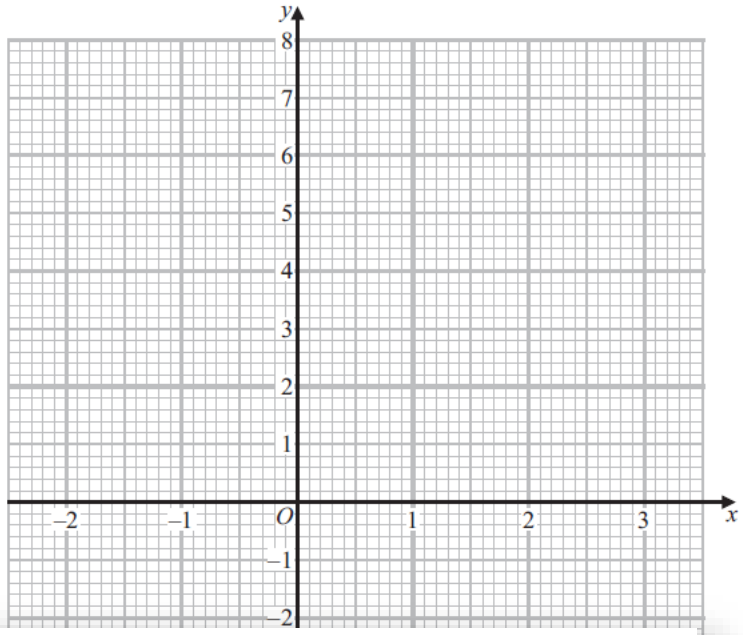
(Total for Question 25 is 4 marks)

Foundation ‘Top 5’ Skills BEST

3

Paper 2

(b) On the grid, draw the graph of $y = x^2 - x$ for values of x from –2 to 3

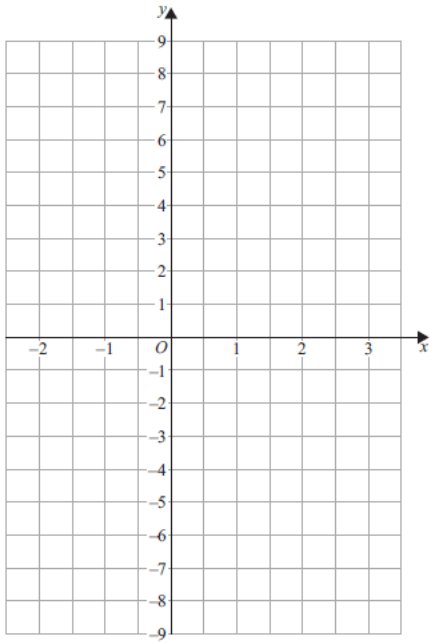


(2)

4

Paper 3

19 On the grid below, draw the graph of $y = 3x - 2$ for values of x from –2 to 3

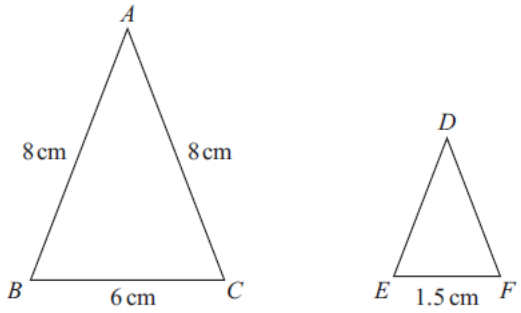


(Total for Question 19 is 3 marks)

5

Paper 2

27 *ABC* and *DEF* are two similar isosceles triangles.



$DE = DF$

Work out the length of DE.

Foundation ‘Top 5’ Skills WORST

1

Paper 3

21 (a) Factorise $6x - 15$

.....

(1)

(b) Factorise $m^2 + 5m$

.....

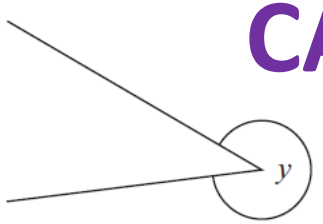
(1)

(Total for Question 21 is 2 marks)

2

Paper 1 and 2

3 Write down the mathematical name for the type of angle marked y.



.....

(Total for Question 3 is 1 mark)

-20%

CAREFUL!!!

(c) In the space below, draw a hexagon.

(1)

(Total for Question 7 is 3 marks)

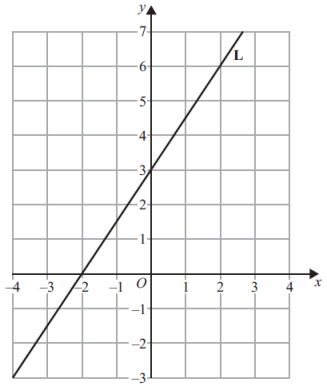
+8%

Foundation ‘Top 5’ Skills WORST

3

Paper 1

5 Here is a straight line **L** drawn on a grid.



(a) Find an equation for **L**.

.....

(3)

M is a different straight line with equation $y = 5x$

(b) Write down the equation of a straight line parallel to **M**.

5

Paper 3

4 Simplify $7a + a - 5a$

.....

(Total for Question 4 is 1 mark)

4

Paper 1

28 Solve $x + 11 \leqslant 5 - \frac{1}{2}x$

Higher ‘Top 5’ Skills

This cohort's top 5 **skills to celebrate** in relation to the Edexcel average **were:**

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
Measures of spread (range, including consideration of outliers, quar	1.46/2	73%	1.11/2	+17.50 %
Histograms with equal and unequal class intervals	2/5	40%	1.61/5	+7.80 %
Expand expressions	2.58/3	86%	2.37/3	+7.00 %
Cumulative frequency graphs	4.12/5	82%	3.87/5	+5.00 %
Solve two simultaneous equations	3.04/4	76%	2.86/4	+4.50 %

This cohort's top 5 **skills to improve** in relation to the Edexcel average **were:**

Skill Title	Score	Percentage	Edexcel Ave : ALL Edit	Variance
Construct and interpret equations that describe inverse proportion	0.31/2	16%	1.06/2	-37.50 %
Transformations	0.73/2	37%	1.2/2	-23.50 %
Graphs and equations of lines	1.81/4	45%	2.7/4	-22.25 %
Solve problems involving direct and inverse proportion	2.12/4	53%	2.99/4	-21.75 %
Limits of accuracy; bounds	1.04/4	26%	1.86/4	-20.50 %

Higher ‘Top 2’ Questions BEST

Paper: Paper 1H-NON CALCULATOR (H)

This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q13a	1.42/3		1/3	+14.00 %	
Q14	2.58/3		2.37/3	+7.00 %	

Paper: Paper 2H-CALCULATOR (H)

This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q11c	1.46/2		1.11/2	+17.50 %	
Q06	3.31/4		2.92/4	+9.75 %	

Paper: Paper 3H-CALCULATOR (H)

This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q16a	1/1		0.87/1	+13.00 %	
Q16b	1.69/2		1.45/2	+12.00 %	

Higher ‘Top 2’ Questions BEST P1

Paper: Paper 1H-NON CALCULATOR (H)

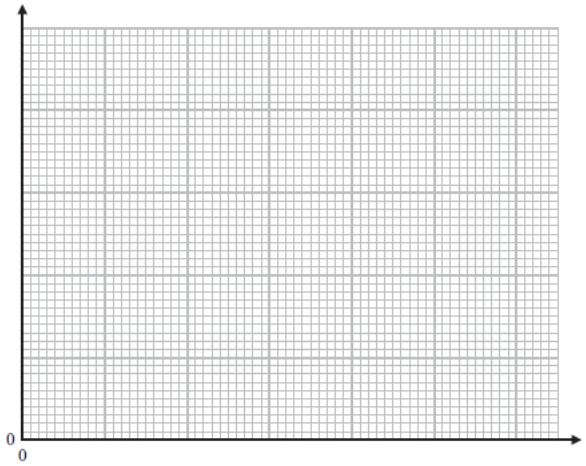
This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q13a	1.42/3		1/3	+14.00 %	
Q14	2.58/3		2.37/3	+7.00 %	

13 The table gives information about the amount of time that each of 150 people were in a shop.

Time (t minutes)	Frequency
$0 < t \leqslant 10$	20
$10 < t \leqslant 30$	70
$30 < t \leqslant 35$	22
$35 < t \leqslant 50$	30
$50 < t \leqslant 60$	8

(a) On the grid, draw a histogram for this information.



(3)

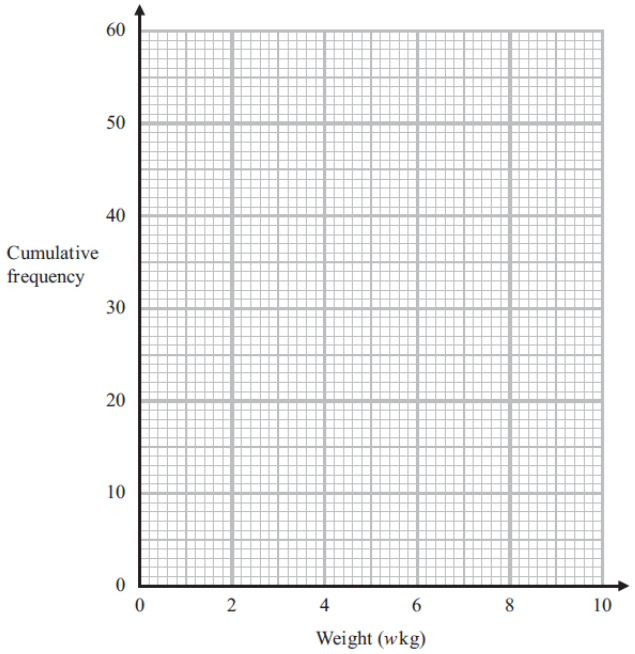
14 Expand and simplify $(3x - 1)(2x + 3)(x - 5)$

Higher ‘Top 2’ Questions BEST P2

Paper: Paper 2H-CALCULATOR (H)

This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q11c	1.46/2		1.11/2	+17.50 %	
Q06	3.31/4		2.92/4	+9.75 %	



(c) Use your graph to find an estimate for the interquartile range.

6 Andy, Luke and Tina share some sweets in the ratio $1:6:14$

Tina gives $\frac{3}{7}$ of her sweets to Andy.

Tina then gives $12\frac{1}{2}$ % of the rest of her sweets to Luke.

Tina says,

“Now all three of us have the same number of sweets.”

Is Tina correct?
You must show how you get your answer.

Higher ‘Top 2’ Questions BEST P3

Paper: Paper 3H-CALCULATOR (H)

This cohort's top 2 questions to celebrate in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q16a	1/1		0.87/1	+13.00 %	
Q16b	1.69/2		1.45/2	+12.00 %	

16 The functions f and g are given by

$$f(x) = \frac{12}{x+1} \quad \text{and} \quad g(x) = 5 - 3x$$

(a) Find $f(-3)$

(1)

(b) Find $fg(1)$

(2)

(c) Find $g^{-1}(4)$

REMEMBER THIS FOR LATER

Higher ‘Top 2’ Questions WORST

This cohort's top 2 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q06b	0.19/1		0.6/1	-41.00 %	
Q16	0.23/2		0.61/2	-19.00 %	

This cohort's top 2 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q12a	0.31/2		1.06/2	-37.50 %	
Q12b	0.31/2		1.05/2	-37.00 %	

This cohort's top 2 questions to improve in relation to the Edexcel average were:

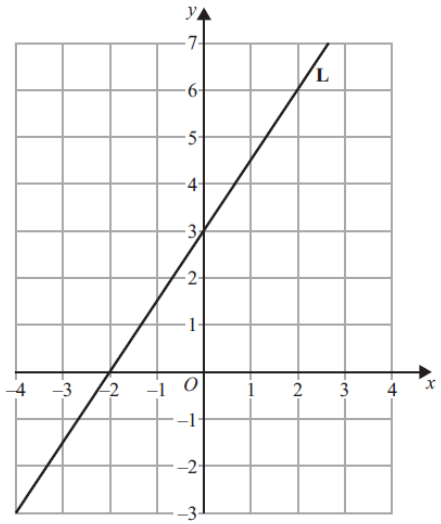
Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q16c	0.23/2		0.75/2	-26.00 %	
Q19	0.85/3		1.59/3	-24.67 %	

Higher ‘Top 2’ Questions WORST P1

This cohort's top 2 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q06b	0.19/1		0.6/1	-41.00 %	
Q16	0.23/2		0.61/2	-19.00 %	

6 Here is a straight line **L** drawn on a grid.



(a) Find an equation for **L**.

(3)

M is a different straight line with equation $y = 5x$

(b) Write down the equation of a straight line parallel to **M**.

16 There are only n orange sweets and 1 white sweet in a bag.

Saira takes at random a sweet from the bag and eats the sweet.
She then takes at random another sweet from the bag and eats this sweet.

Show that the probability that Saira eats two orange sweets is $\frac{n-1}{n+1}$

Higher ‘Top 2’ Questions WORST P2

This cohort's top 2 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q12a	0.31/2		1.06/2	-37.50 %	
Q12b	0.31/2		1.05/2	-37.00 %	

12 f is inversely proportional to d^2

$f = 3.5$ when $d = 8$

(a) Find an equation for f in terms of d.

.....

(2)

(b) Find the positive value of d when $f = 10$
Give your answer correct to 3 significant figures.

$d =$ .....

(2)

(Total for Question 12 is 4 marks)

Higher ‘Top 2’ Questions WORST P3

This cohort's top 2 questions to improve in relation to the Edexcel average were:

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q16c	0.23/2		0.75/2	-26.00 %	
Q19	0.85/3		1.59/3	-24.67 %	

16 The functions f and g are given by

$$f(x) = \frac{12}{x+1} \quad \text{and} \quad g(x) = 5 - 3x$$

(a) Find $f(-3)$

.....

(1)

(b) Find $fg(1)$

.....

(2)

(c) Find $g^{-1}(4)$

19 $R = \dfrac{P}{Q}$

$P = 5.88 \times 10^8$ correct to 3 significant figures.
$Q = 3.6 \times 10^5$ correct to 2 significant figures.

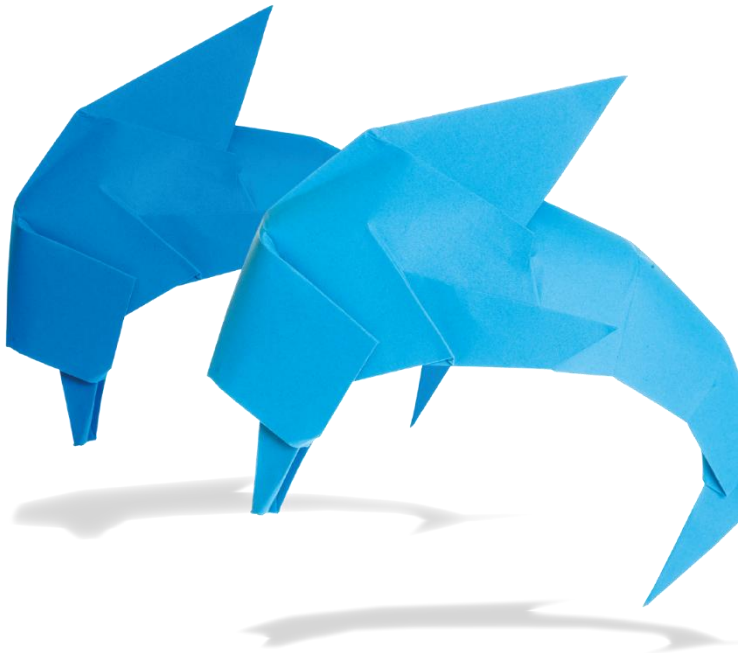
Work out the lower bound for R.
Give your answer as an ordinary number correct to the nearest integer.
You must show all your working.

REMEMBER!

Case Study

Mel Muldowney

Lead Prac Stratford upon Avon School



Another way to look at it

- Shared with dept in Sept

Paper: Paper 2F-CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q01	0.99/1		0.96/1	+3.00 %	
Q02	0.82/1		0.72/1	+10.00 %	
Q03	0.92/1		0.91/1	+1.00 %	
Q04	0.92/1		0.89/1	+3.00 %	
Q05	0.89/1		0.86/1	+3.00 %	
Q06a	0.98/1		0.95/1	+3.00 %	
Q06b	0.93/1		0.92/1	+1.00 %	
Q06c	2.69/3		2.6/3	+3.00 %	
Q07a	0.85/1		0.86/1	-1.00 %	
Q07b	0.54/1		0.43/1	+11.00 %	
Q07c	0.66/1		0.65/1	+1.00 %	
Q08a	0.93/1		0.9/1	+3.00 %	

Paper: Paper 2F-CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q01	0.99/1		0.96/1	+3.00 %	
				+10.00 %	
				+1.00 %	
				+3.00 %	
				+3.00 %	
				+3.00 %	
				+1.00 %	
Q06c	2.69/3		2.6/3	+3.00 %	
Q07a	0.85/1		0.86/1	-1.00 %	
Q07b	0.54/1		0.43/1	+11.00 %	
Q07c	0.66/1		0.65/1	+1.00 %	
Q08a	0.93/1		0.9/1	+3.00 %	

7 (a) Measure the length of this line.
Give your answer in centimetres.

Paper: Paper 2F-CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q08b	1.49/2		1.28/2	+10.50 %	
Q08c	0.88/1		0.86/1	+2.00 %	
Q09	2.76/4		2.43/4	+8.25 %	
Q10	0.86/2		0.74/2	+6.00 %	
Q11	0.76/1		0.58/1	+18.00 %	
Q12	2.57/3		2.25/3	+10.67 %	
Q13a	0.81/1		0.72/1	+9.00 %	
Q13b	1.49/2		1.24/2	+12.50 %	
Q14a	1.75/2		1.66/2	+4.50 %	
Q14b	1.25/3		1.1/3	+5.00 %	
Q15	0.87/2		0.83/2	+2.00 %	
Q16a	0.72/1		0.62/1	+10.00 %	

Paper: Paper 2F-CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q16b	0.90/2		0.69/2	+10.50 %	
Q17	0.32/3		0.16/3	+5.33 %	
Q18	2.08/3		1.85/3	+7.67 %	
Q19a	1.49/2		1.27/2	+11.00 %	
Q19b	0.47/1		0.46/1	+1.00 %	
Q20	0.58/2		0.43/2	+7.50 %	
Q21a	1.31/2		1.13/2	+9.00 %	
Q21b	0.38/1		0.33/1	+5.00 %	
Q22	1.51/2		1.29/2	+11.00 %	
Q23	0.99/4		0.73/4	+6.50 %	
Q24a	1.08/2		0.95/2	+6.50 %	
Q24b	0.89/2		0.76/2	+6.50 %	

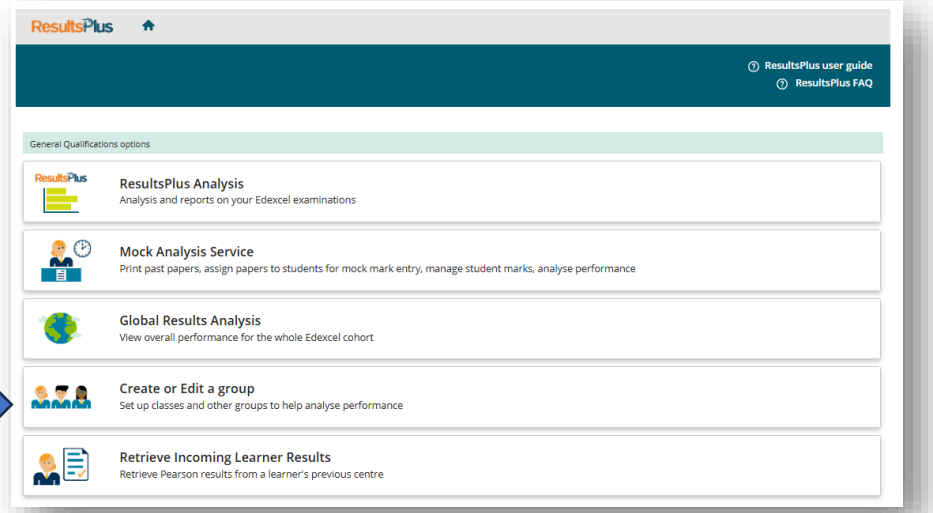
Paper: Paper 2F-CALCULATOR (F) View paper Skills map: gcse mathematics (1ma1) foundation

Question	Score	Performance	Edexcel Ave : ALL Edit	Variance	Skill tested
Q24c	0.17/2		0.17/2	0 %	
Q25	1.53/4		1/4	+13.25 %	
Q26	0.76/4		0.44/4	+8.00 %	
Q27	1.40/2		1.04/2	+18.00 %	
Q28a	0.28/1		0.14/1	+14.00 %	
Q28b	0.57/3		0.5/3	+2.33 %	

Questions to ask …

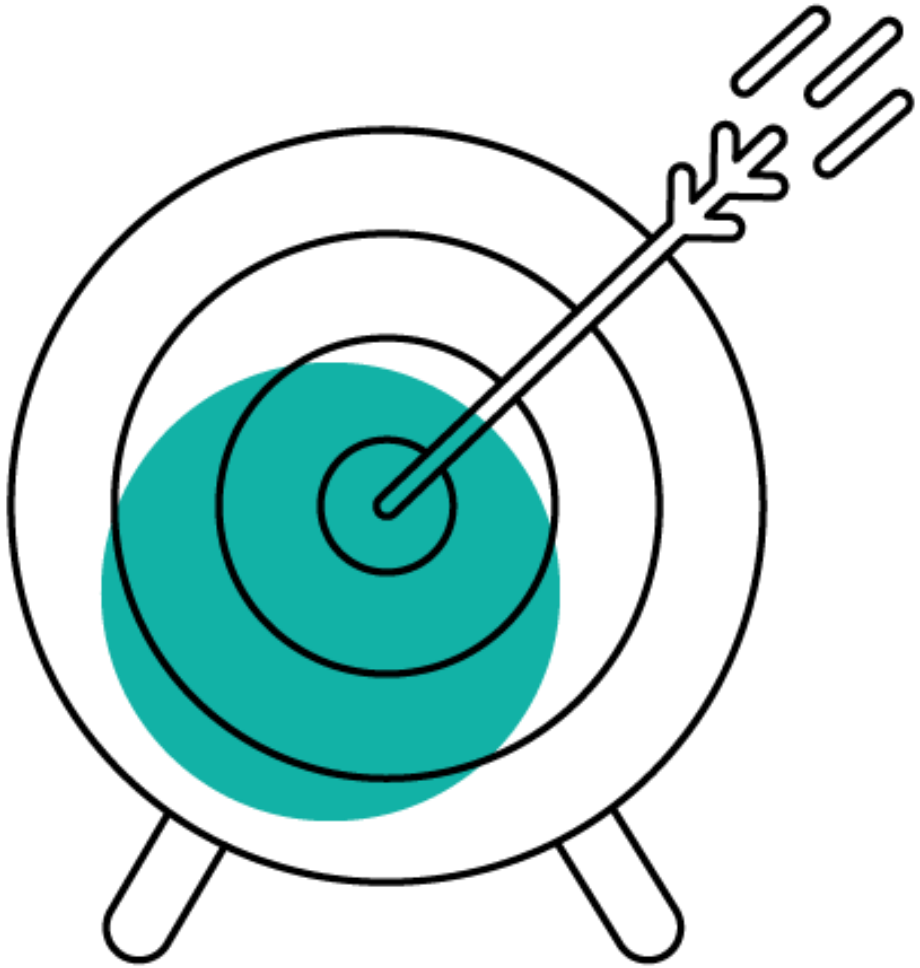
Question analysis or Skill analysis?

Any Common themes? (Worth uploading groups?)



Crossover success?

Common misconceptions?



Worth a look …

Foundation Tier (JUNE 2017 to JUNE 2022 (no sitting in June 20 or 21)

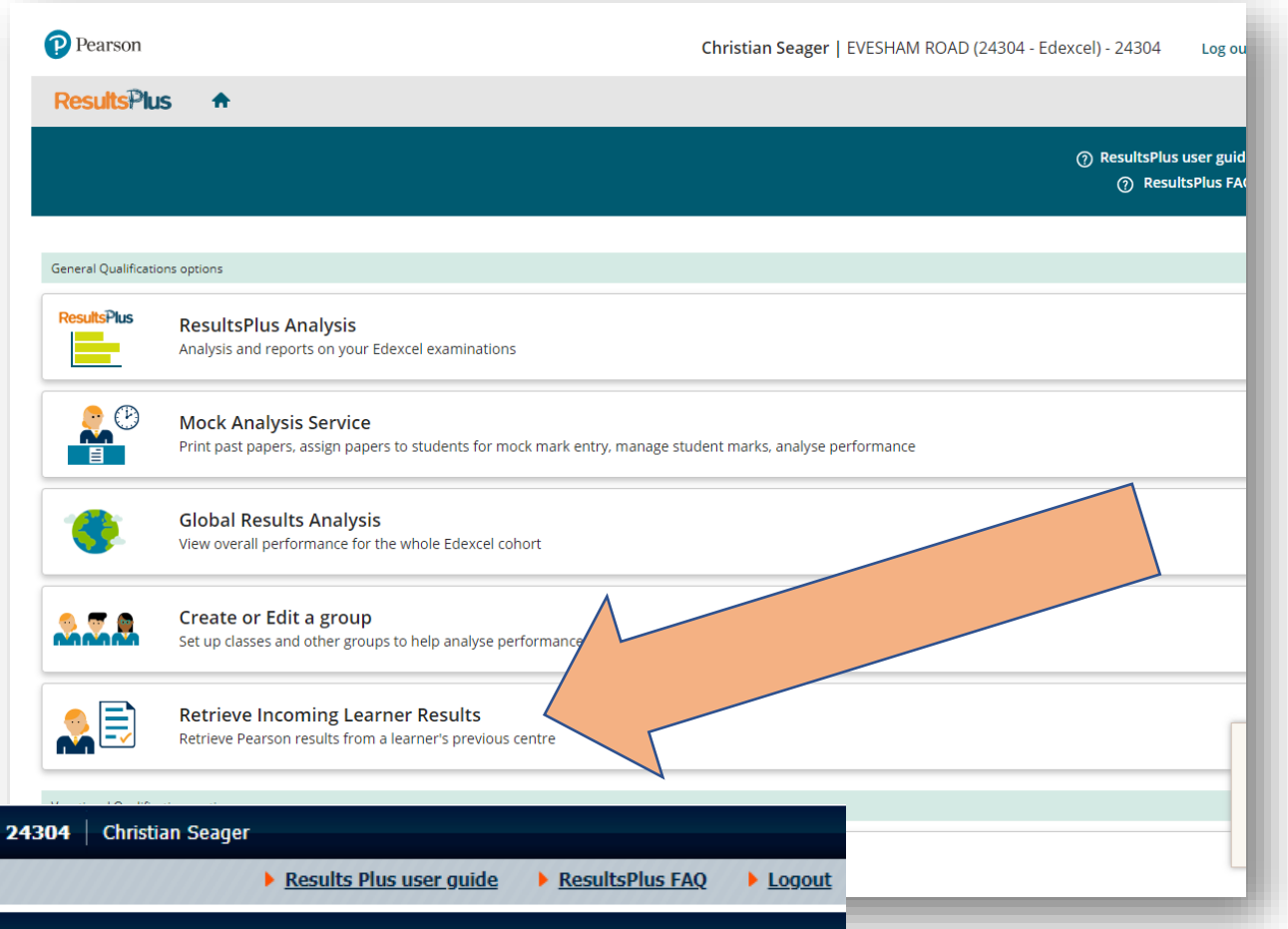
8+ appearances	
Simplifying expressions	21
FDP Conversions	20
Rounding	16
Money problem solving	16
Standard form	15
Ratio	14
Powers & Roots	14
Solving linear equations	13
Scale Drawing / Using Scale	13
Proportional Reasoning	13
Sequences	12
Factors and multiples	12
Angle facts	12
Probability	11
Fraction of an amount	11
Substitution	10
Speed / Distance / Time	10
Index laws	10
Straight line graphs	8
Proportion - recipes	8
Place value	8
Pictograms	8
Metric conversions	8
Factorising expressions	8

Highlighted topics are also ≥ 3 marks per appearance on average

5, 6, or 7 appearances	
Use of calculator	7
Order of (and four) operations	7
Fractions	7
Expand single brackets	7
Inequalities	7
Quadratic graphs	7
Time	7
Reflections	7
Bar charts	7
Percentage increase/ decrease	6
Percentage of an amount	6
Coordinates	6
Forming and solving equations	6
Function machines	6
Solving equations	6
Pie charts	6
Venn diagrams	6
Numbers in size order	5
Lowest Common Multiples	5
FDP / Ratio	5
Percentage profit /Loss	5
Percentages to fractions	5
Combinations / Listing outcomes	5
Error intervals	5
Exchange rates	5
Conversion graphs	5
Rearranging equations	5
Simultaneous equations	5
Metric measures	5
Circle definitions	5
Angles in polygons	5
Two way tables	5
Estimate of the mean/ Mean from a table	5
Stem & leaf diagrams	5
Frequency trees	5
Relative frequency	5
Probability Scale	5

Topics with ≥ 3 marks per appearance	
Plans and elevations	6.000
Ratio & percentages	5.000
Circles - circumference	5.000
Surface area and volume	5.000
Volume of a prism	5.000
Area in context	4.667
FDP / Ratio	4.600
Surface area	4.333
Frequency trees	4.200
Percentages	4.000
Compound interest	4.000
Ratio & trigonometry	4.000
Coordinate geometry	4.000
Area / Percentages	4.000
Probability and ratio	4.000
Venn diagrams	4.000
Forming and solving equations	3.833
Scale Drawing / Using Scale	3.692
Arcs and sectors	3.667
Percentage profit /Loss	3.600
Exchange rates	3.600
Angles in polygons	3.600
Stem & leaf diagrams	3.600
Quadratic graphs	3.571
Money problem solving	3.500
Percentages & ratio	3.500
Best value	3.500
Area	3.500
Angles in a triangle	3.500
Probability tree diagrams	3.500
Fractions - multiplication	3.333
Area of a triangle	3.333
Pythagoras theorem	3.333
Proportional Reasoning	3.308
Speed / Distance / Time	3.300
Volume	3.250
Probability from a table	3.250
Two way tables	3.200
Percentage increase/ decrease	3.167
Percentage of an amount	3.167
Proportion - recipes	3.125
Division	3.000
Decimal - Division	3.000
Percentages / Area	3.000
Estimation	3.000
Ratio in context	3.000
Gradient between two points	3.000
Real life graphs	3.000
Quadratic, cubic & reciprocal grap	3.000
Geometric reasoning	3.000
Angle facts - Parallel lines	3.000
Reflections & Translations	3.000
Pressure / Force / Area	3.000
Density / Mass /Volume	3.000
Pie charts	3.000
Sampling & Capture/recapture	3.000

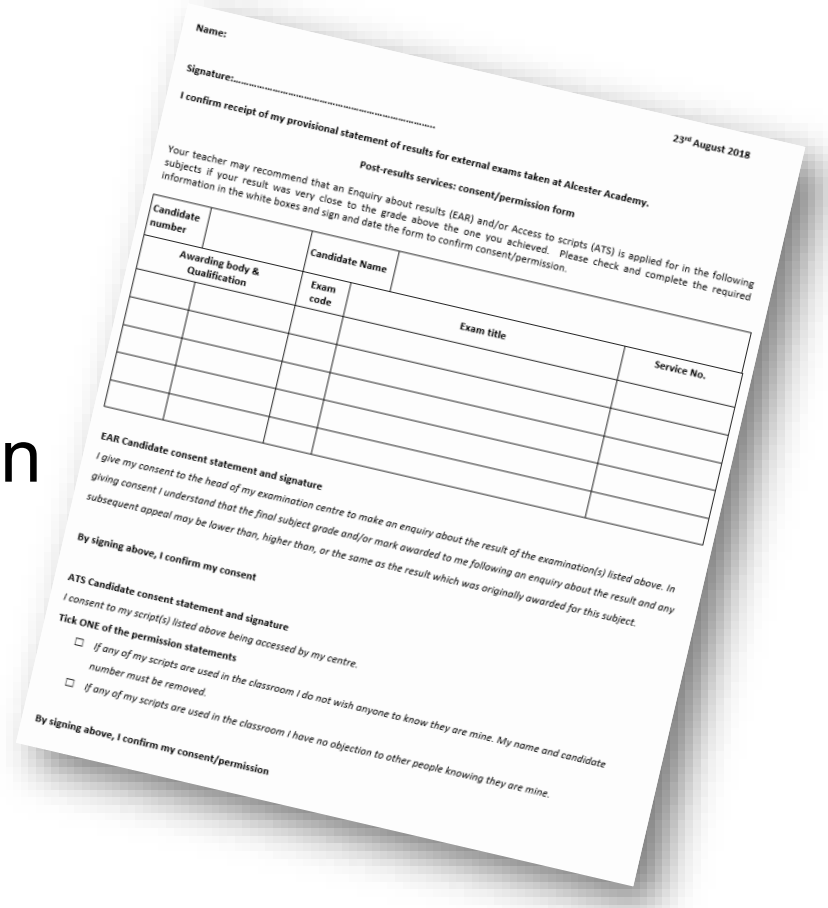
Re-sit centres



1) Have the entire department in the training.

2) Get Edexcel online logins AND Script Viewer access for all of the team (the exams officer needs to grant access).

3) Make sure you have student's permission



Name:

Signature:.....

I confirm receipt of my provisional statement of results for external exams taken at Alcester Academy. **23rd August 2018**

Post-results services: consent/permission form

Your teacher may recommend that an Enquiry about results (EAR) and/or Access to scripts (ATS) is applied for in the following subjects if your result was very close to the grade above the one you achieved. Please check and complete the required information in the white boxes and sign and date the form to confirm consent/permission.

Candidate number		**Candidate Name**	
Awarding body & Qualification		**Exam code**	**Exam title**	**Service No.**

EAR Candidate consent statement and signature

I give my consent to the head of my examination centre to make an enquiry about the result of the examination(s) listed above. In giving consent I understand that the final subject grade and/or mark awarded to me following an enquiry about the result and any subsequent appeal may be lower than, higher than, or the same as the result which was originally awarded for this subject.

By signing above, I confirm my consent

ATS Candidate consent statement and signature

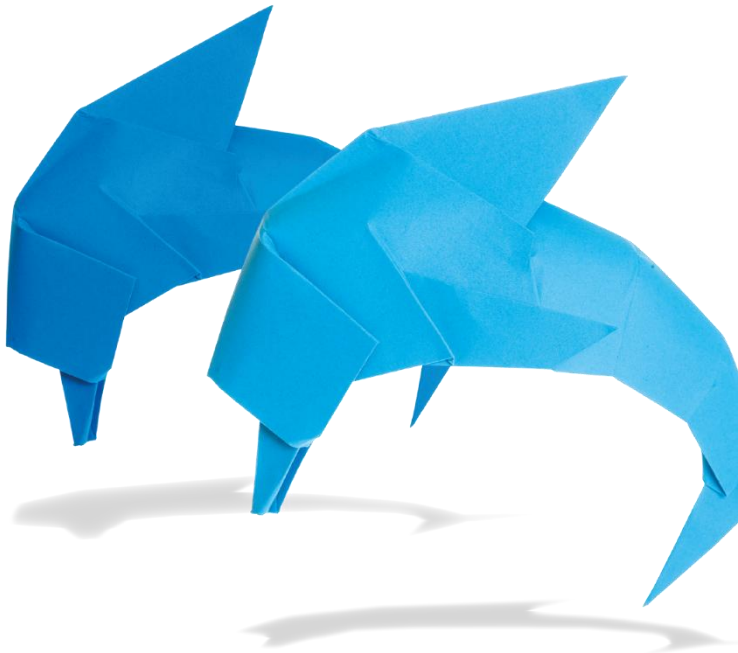
I consent to my script(s) listed above being accessed by my centre.

Tick ONE of the permission statements

- ☐ *If any of my scripts are used in the classroom I do not wish anyone to know they are mine. My name and candidate number must be removed.*
- ☐ *If any of my scripts are used in the classroom I have no objection to other people knowing they are mine.*

By signing above, I confirm my consent/permission

Support from Pearson



Summer 2025 Post-series Support Timeline

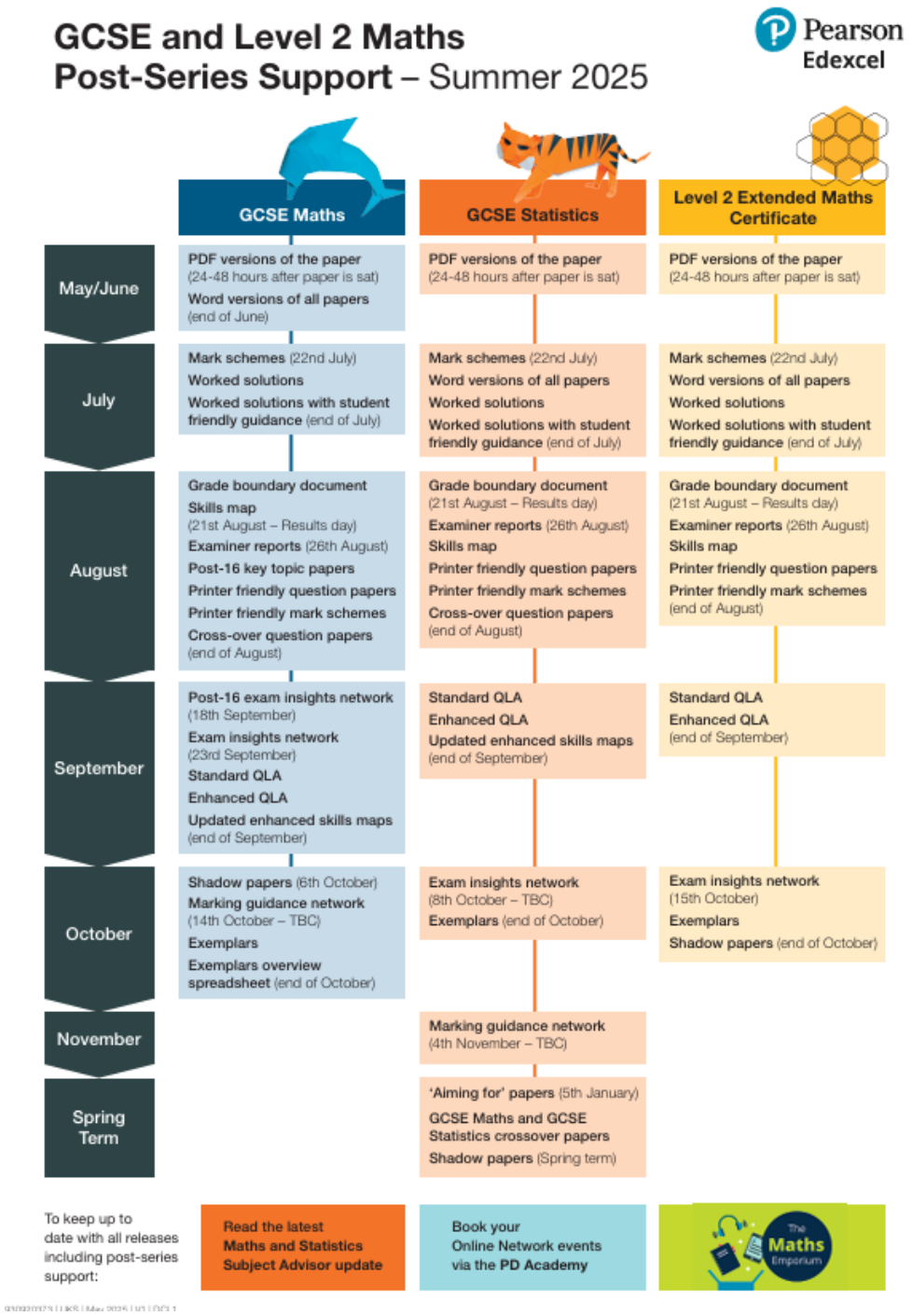
Please check out our Summer 2025 post-series timeline to find out when we will be releasing the post-series support for this exam season.

This includes

- Word versions
- Worked solutions
- Shadow Papers
- QLAs
- Exemplars
- Skills Maps

- and more!!

A Level and Level 3 timeline can be found here.



Summer 2025 Post-Series Training Networks

The Summer 2025 Exam Insights (including Post-16) free training networks are now available to book on the PD Academy.

GCSE Maths: Post-16 Exam Insights

Thursday 18 September 2025

4–5pm

GCSE Maths: Exam Insights

Tuesday 23 September 2025

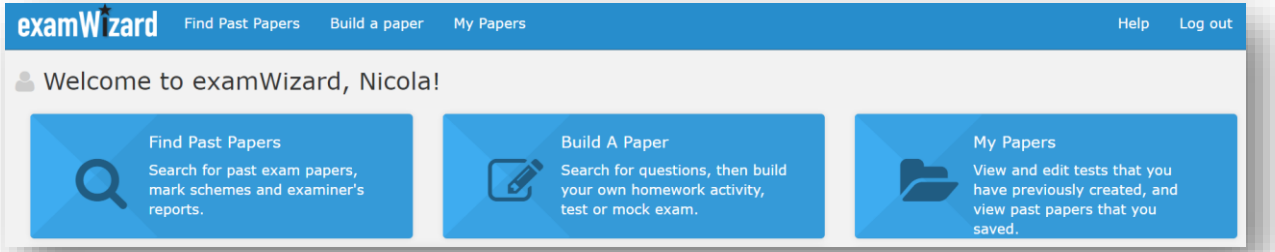
4–5:30pm

GCSE Maths: Marking Guidance Summer 2025 (not available to book yet but will be soon here)

Tuesday 14 October 2025

4–5pm

Exam Wizard



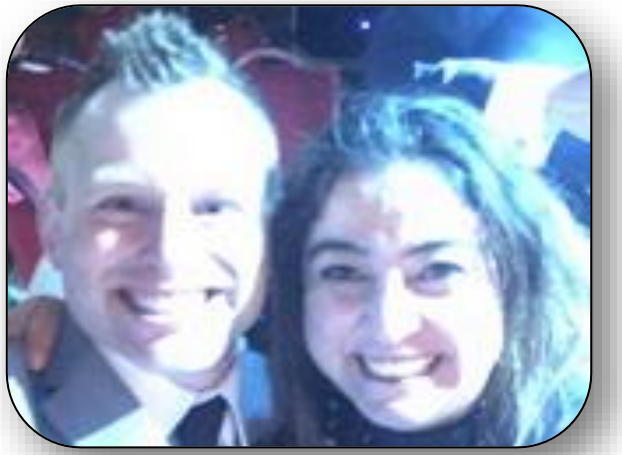
- Exam Wizard is a free resource that allows you to find past examination questions to make your own bespoke papers

- To access Exam Wizard you will need an EOL username and password – your Exams Officer will be able to issue this

- Exam wizard is an online application that can be accessed here

Our subject specialists

Our team of credible specialists is made up of current classroom practitioners that share their knowledge with our schools through centre visits, online training and networks



Meet your Maths and Statistics Subject Advisor and Partner

Vicky Wood

Vicky works closely with the wider maths team to support teachers in UK centres in delivering Pearson Edexcel qualifications in Mathematics and Statistics teachingmaths@pearson.com
Sign up for Vicky's monthly updates

Nicola Woodford-Smith

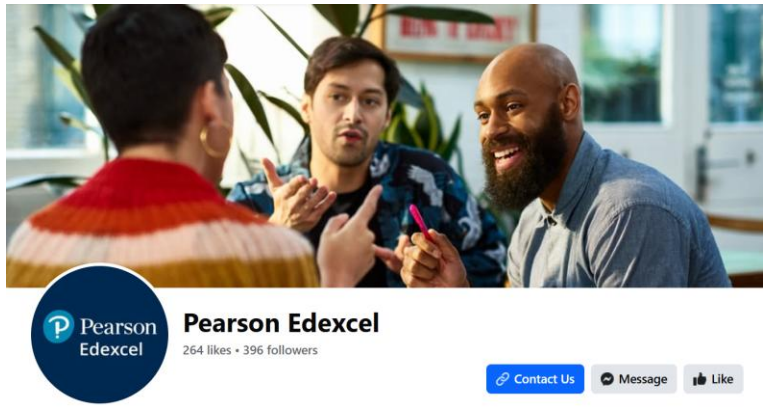
Nicola works as the maths Subject Partner in the maths team at Pearson Edexcel. She helps to create resources and delivers CPD to support you and your team through the lifecycle of our qualifications.
Follow @miss_mathsgeek (on X) for updates and information

Find us on Facebook

Pearson Edexcel Facebook Page

Don’t forget to follow us on Facebook for the latest updates about our qualifications. You can also find the latest updates from JCQ and Ofqual here too.

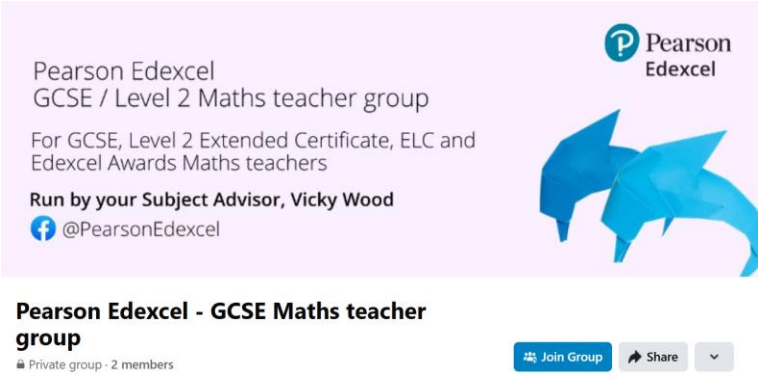
Click here to find our page, or scan this code



Facebook Teacher Groups

Be sure to also join our Pearson Edexcel GCSE Maths teacher group on Facebook. Created to give Maths teachers a private, professional space to have discussions. The group is managed by your Subject Advisor, Vicky Wood.

Click here to join the group, or scan this code



Pearson Edexcel GCSE (9–1) Mathematics – **Published Resources**

Our resources include:

- Student books and problem-solving practice books
- Maths ActiveHub, including assessment builder and insights
- A focused range of intervention, progression and revision resources to help every student achieve their potential

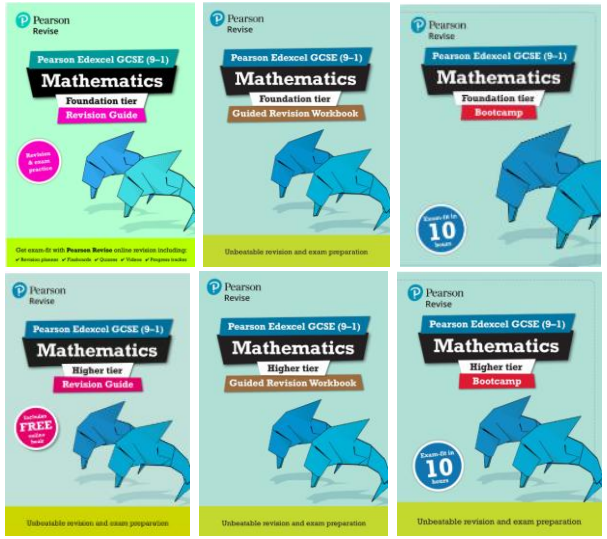
Find out more [from our website.]

ActiveHub

Pearson Edexcel's paid-for resources, as well as resources endorsed by Pearson Edexcel, are not a pre-requisite for the delivery of Edexcel's specifications. Paid-for resources may also be available from other publishers

Pearson Revise for Maths

Student-centered. From the exam experts. Comprehensive. Board-specific.

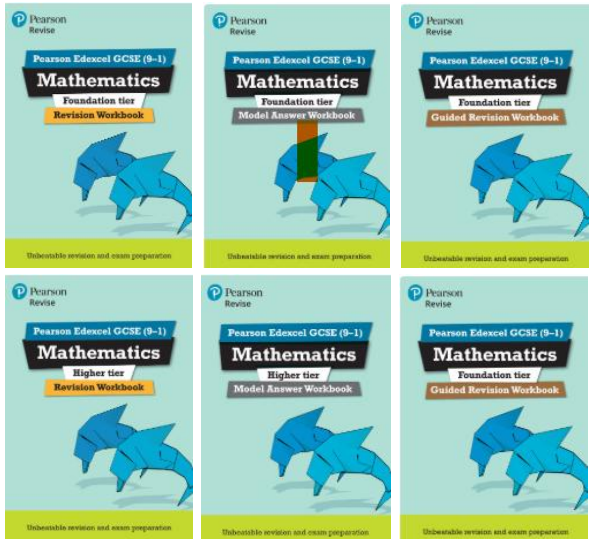


£3.25*

per book with 50% Schools discount.
*RRP £6.50

Revision Guides

- **Coverage of the full specification,** including practice questions, exemplar responses, and exam-focused hints and tips.
- Problem solving support throughout including tricky questions on easy topics and strategies and techniques for answering harder questions.
- Now try this' exam-style practice questions let students test their understanding of a topic.
- One-topic-per-page format helps students revise more efficiently and keep track.
- Online eBook version including online revision tools to plan and track your revision.



Revision Workbooks

- One-to-one page match with the Revision Guide.
- Guided practice questions on every page demonstrate good technique and build confidence.
- Hints and tips help students avoid common pitfalls.
- Full set of practice papers included.

£3.25*

per book with 50% Schools discount.
*RRP £6.50

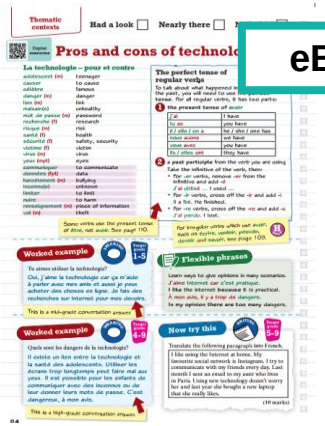
[Find out more about Pearson Revision resources]

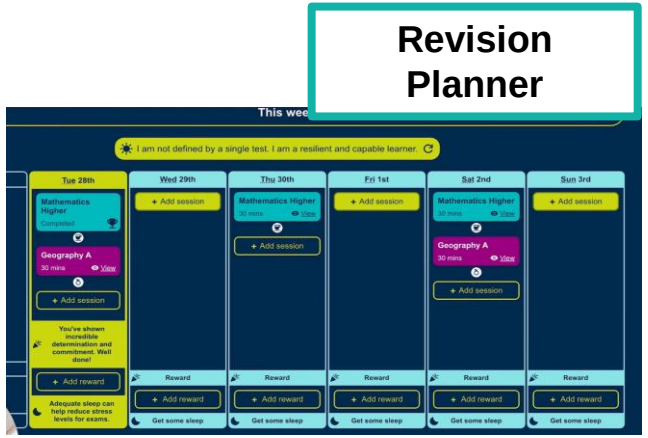
Pearson Edexcel's paid-for resources, as well as resources endorsed by Pearson Edexcel, are not a pre-requisite for the delivery of Edexcel's specifications. Paid-for resources may also be available from other publishers

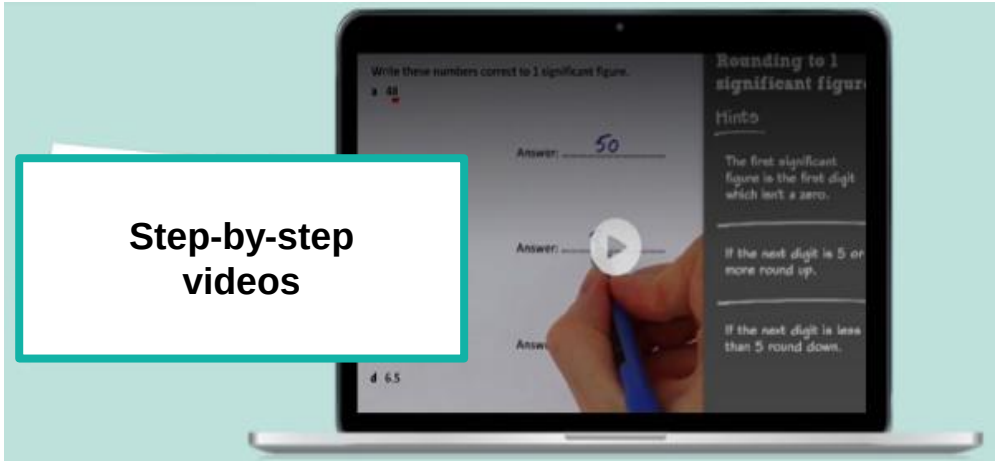
Pearson Revise Online subscription

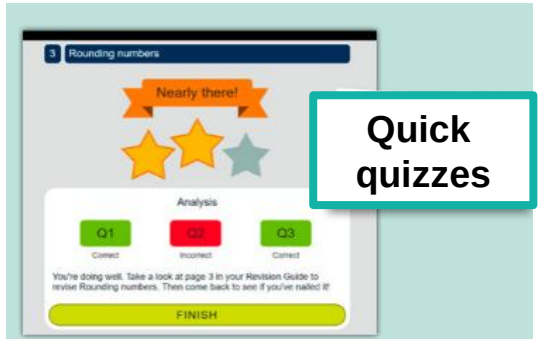
Student-centered. From the exam experts. Comprehensive. Board-specific.

- **Revision for all GCSE subjects (including Maths)** in one place with quick quizzes, vocab quizzes, audio and video content designed to help all your students succeed.
- **Create your own flashcards** function means students can create personalised flashcards to support their revision.
- **Revision Planner and retrospective tracker** helping your students plan and get organised based on their online assessments.









Free Teacher Access

Sign up and use the front of class Revision Guide to help prepare your students and model what good revision looks like.

Free Teacher Access

Schools price: £399 for all GCSE students for all subjects or free individual subject access with each Revision Guide purchased. (MAT discount available)

Pearson Edexcel's paid-for resources, as well as resources endorsed by Pearson Edexcel, are not a pre-requisite for the delivery of Edexcel's specifications. Paid-for resources may also be available from other publishers

NEW Podcast: The Right Angle

The Right Angle invites topical discussions, debates and insights from a range of thought leaders, award-winning maths educators and facilitators. Our subject partner hosts, Mark Heslop and Nicola Woodford-Smith lead conversations on themes such as the evolution of technology to support learning, student engagement and diversity and inclusion across the education of mathematics. Listen and subscribe for FREE on Apple Podcasts, Spotify and on Soundcloud.

Contact us

Mel Muldowney
mel@justmaths.co.uk

Christian Seager
christian@justmaths.co.uk

JustMaths

Pearson