Supporting your child with their GCSE Maths

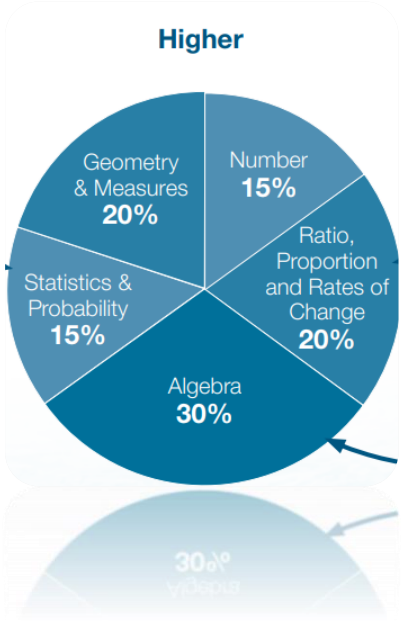
This document details the resources that your child has access to and how they can make best use of them to help improve their maths grade.

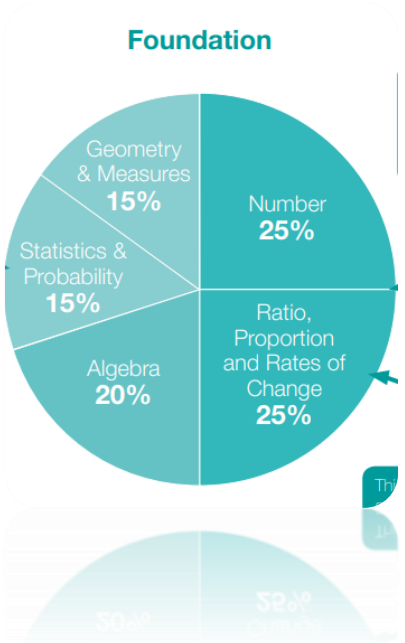
Contents

1. Course information – available grades and content
2. Corbett Maths – free website with videos, questions and answers on every topic
3. Pinpoint Learning – view your personal mock exam results
4. Dr. Frost – view your personal progress from lessons and homework

Course Content

- Two tiers
  - Higher (grades 4 – 9)
  - Foundation (grades 1 – 5)
- Topic are broken up for each tier as shown below





Corbett Maths

https://corbettmaths.com/

› A website with access to free resources

5-a-day GCSE 9-1

5-a-day Primary

5-a-day Further Maths

5-a-day Core 1

5-a-day GCSE A*-G

January

1st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
2nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
3rd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
4th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
5th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
6th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
7th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus

Corbettmaths

Welcome | Videos and Worksheets | Primary | 5-a-day | More | Revision Cards | Books

Welcome

5-a-day

Videos

Worksheets

Corbettmaths Revision Cards

Designed for the new 9-1 GCSE

GCSE Higher or GCSE Foundation

GCSE Revision Cards

5-a-day Workbooks

Videos and Worksheets

Click here for answers

2D shapes: names Video 1 Practice Questions Textbook Exercise

2D shapes: quadrilaterals Video 2 Practice Questions Textbook Exercise

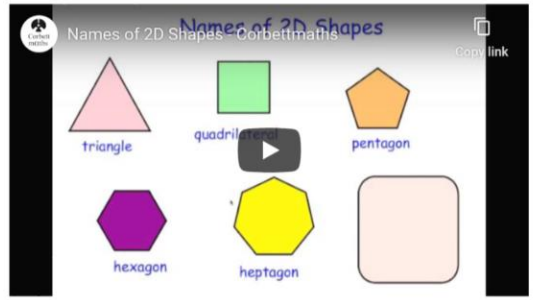
3D shapes: names Video 3 Practice Questions Textbook Exercise

3D shapes: nets Video 4 Practice Questions Textbook Exercise

3D shapes: vertices, edges, faces Video 5 Practice Questions Textbook Exercise

Addition: column method Video 6 Practice Questions Textbook Exercise

Names of 2D Shapes Video



Question 2: Name each of the shapes below

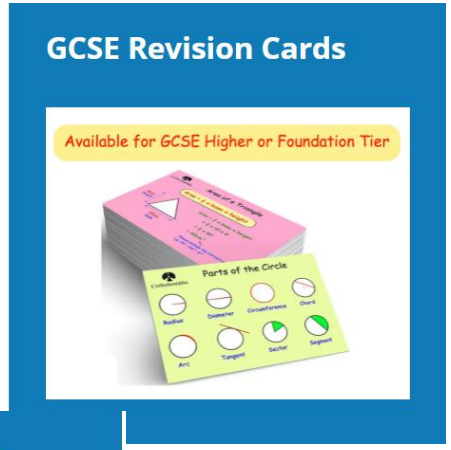
(a) (b) (c)

(d) (e) (f)

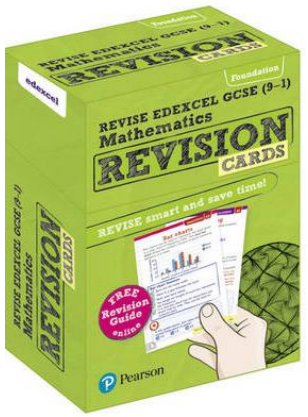
(g) (h)

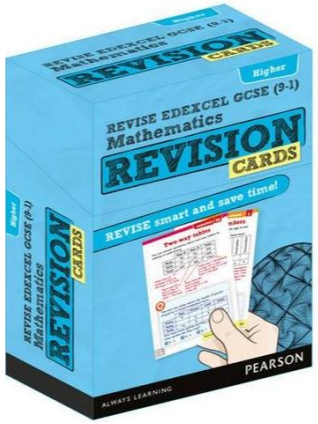
What resources can I purchase to support my child? https://www.amazon.co.uk/

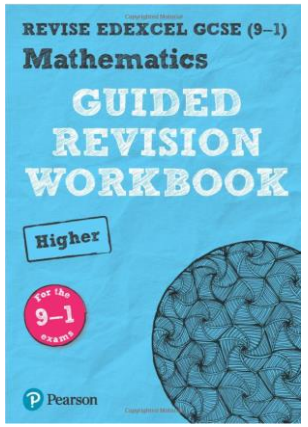
Corbett maths

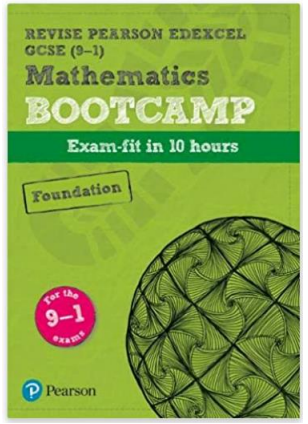


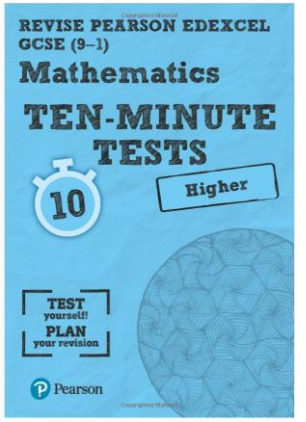
Pearson resources





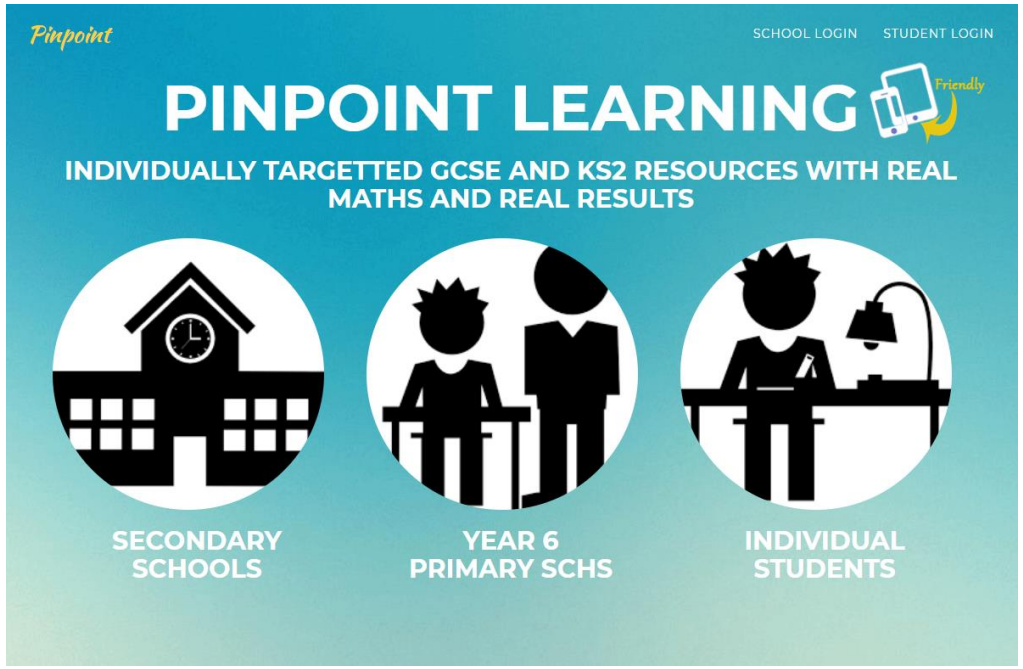






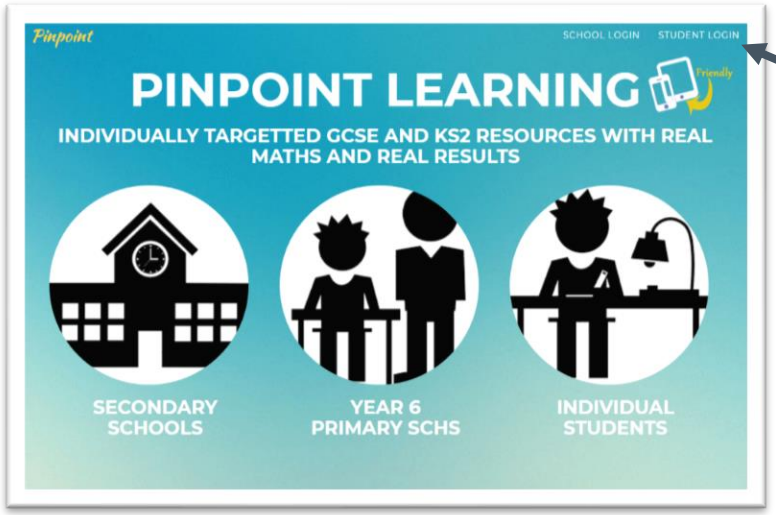
Please ensure any resources are for the exam board Edexcel

Pinpoint Learning: maths education – personalised learning https://www.pinpointlearning.co.uk/



- School subscription
- Year 11 students have a personal log in
- When they log in they can see their mock exam results question by question

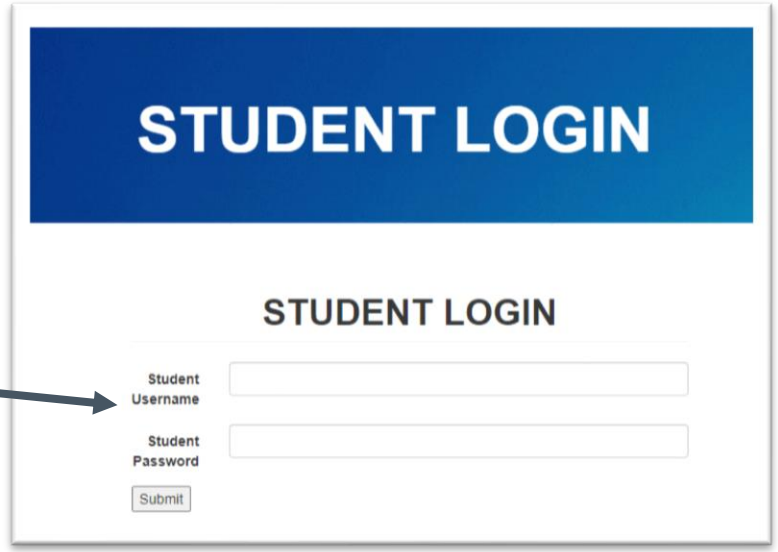
Pinpoint Learning: maths education – personalised learning



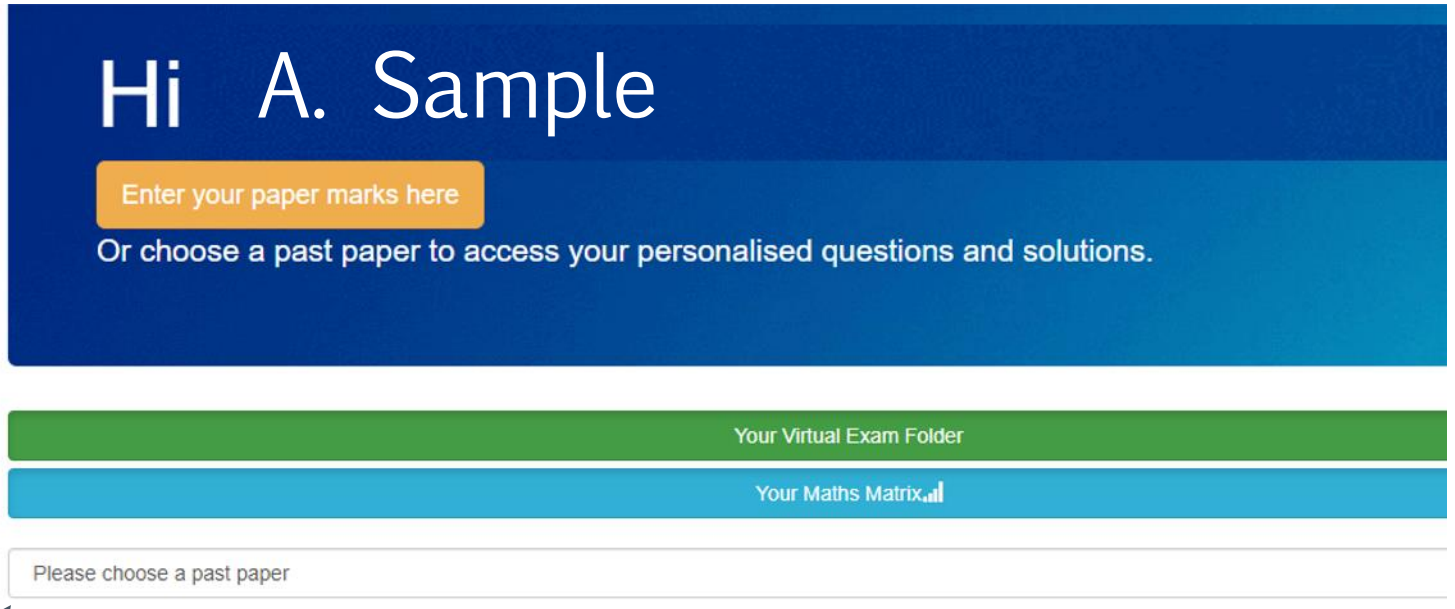
Select student log in

Student enters their personal log in details

(If these are unknown then the student will need to request this from their teacher. This can be done via satchel (Show My Homework) or in school.)



Pinpoint Learning: maths education – personalised learning

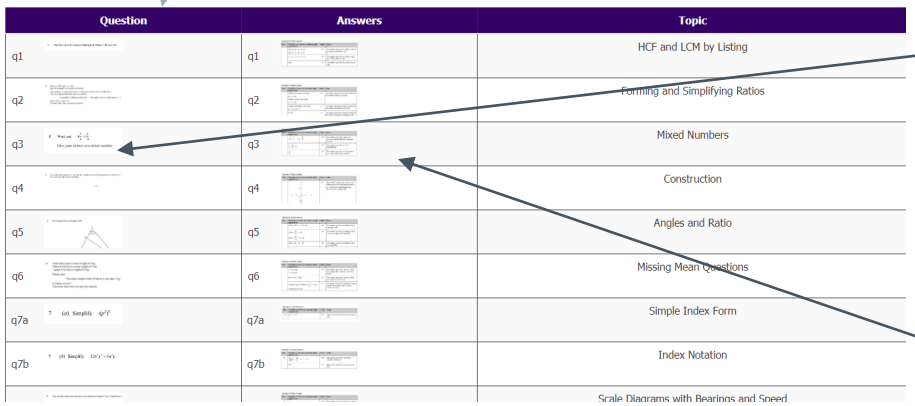


› Select a paper from the drop down list.

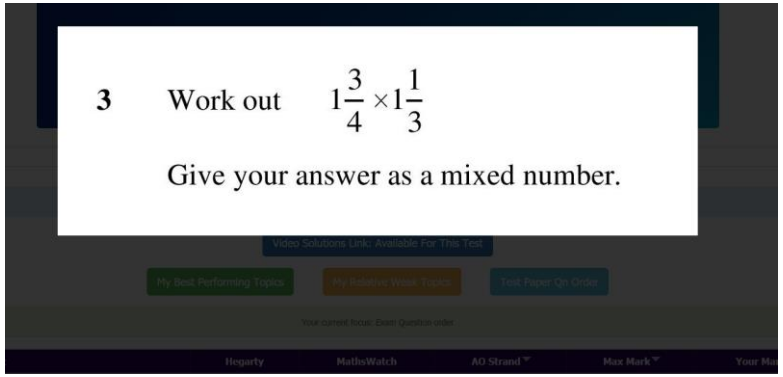
Pinpoint Learning: maths education – personalised learning

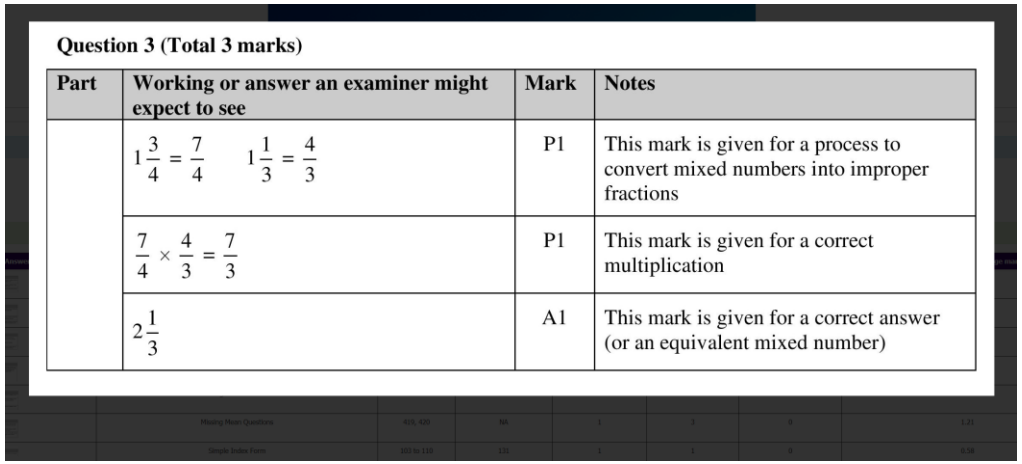
› Virtual exam folder

– View the questions and answers on the paper



Question	Answers	Topic
q1	q1	HCF and LCM by Listing
q2	q2	Forming and Simplifying Ratios
q3	q3	Mixed Numbers
q4	q4	Construction
q5	q5	Angles and Ratio
q6	q6	Missing Mean Questions
q7a	q7a	Simple Index Form
q7b	q7b	Index Notation
		Scale Diagrams with Bearings and Speed





Question 3 (Total 3 marks)

Part	Working or answer an examiner might expect to see	Mark	Notes
	$1\frac{3}{4} = \frac{7}{4}$ $1\frac{1}{3} = \frac{4}{3}$	P1	This mark is given for a process to convert mixed numbers into improper fractions
	$\frac{7}{4} \times \frac{4}{3} = \frac{7}{3}$	P1	This mark is given for a correct multiplication
	$2\frac{1}{3}$	A1	This mark is given for a correct answer (or an equivalent mixed number)

Click on a question to view it and the mark scheme

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› Virtual exam folder

– You can see how many marks you scored on a particular question under the column ‘your marks’ and compare this to the maximum marks available.

Question	Answers	Topic
q1	q1	HCF and LCM by Listing
q2	q2	Forming and Simplifying Ratios
q3	q3	Mixed Numbers
q4	q4	Construction
q5	q5	Angles and Ratio
q6	q6	Missing Mean Questions
q7a	q7a	Simple Index Form
q7b	q7b	Index Notation
		Scale Diagrams with Bearings and Speed

Max Mark	Your Marks
3	3
4	4
3	0
2	0
4	0
3	0
1	0
2	1
5	0

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› Virtual exam folder

– You can see how many marks you scored on a particular question under the column 'your marks' and compare this to max marks available. This can help you identify KNOWLEDGE GAPS

Question	Answers	Topic
q1	q1	HCF and LCM by Listing
q2	q2	Forming and Simplifying Ratios
q3	q3	Mixed Numbers
q4	q4	Construction
q5	q5	Angles and Ratio
q6	q6	Missing Mean Questions
q7a	q7a	Simple Index Form
q7b	q7b	Index Notation
		Scale Diagrams with Bearings and Speed

Max Mark	Your Marks
3	3
4	4
3	0
2	0
4	0
3	0
1	0
2	1
5	0

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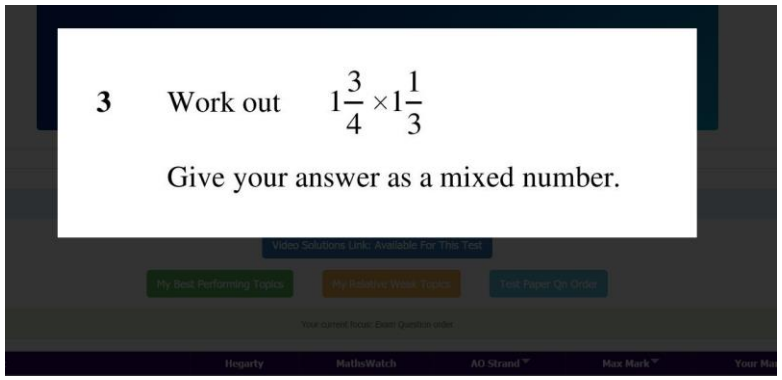
- KNOWLEDGE GAPS – What next?
  - Try the question again, have you improved on this topic already?



  - In not then find the video for this topic on Corbet maths. Do some revision from the video and practice some of the questions
  - Retest yourself once you have done some revision.

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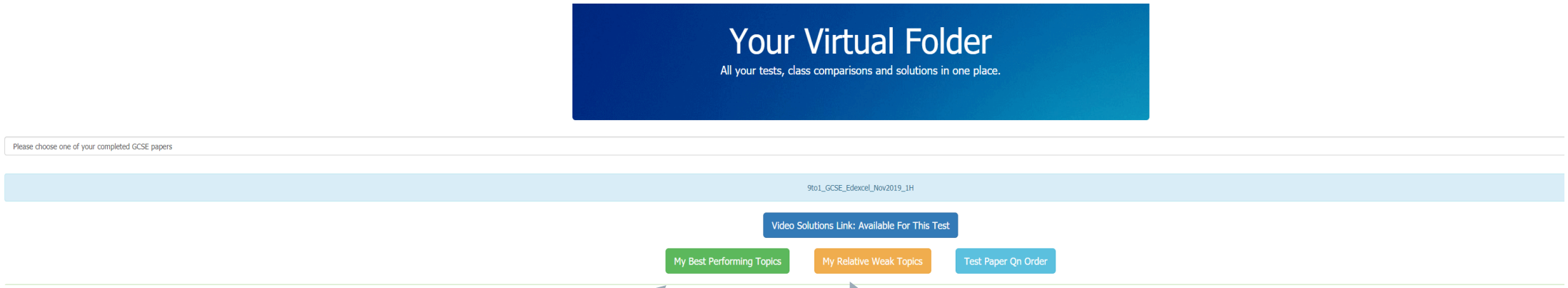

- Virtual exam folder
  - Look at best performing topics are weakest topics by clicking here

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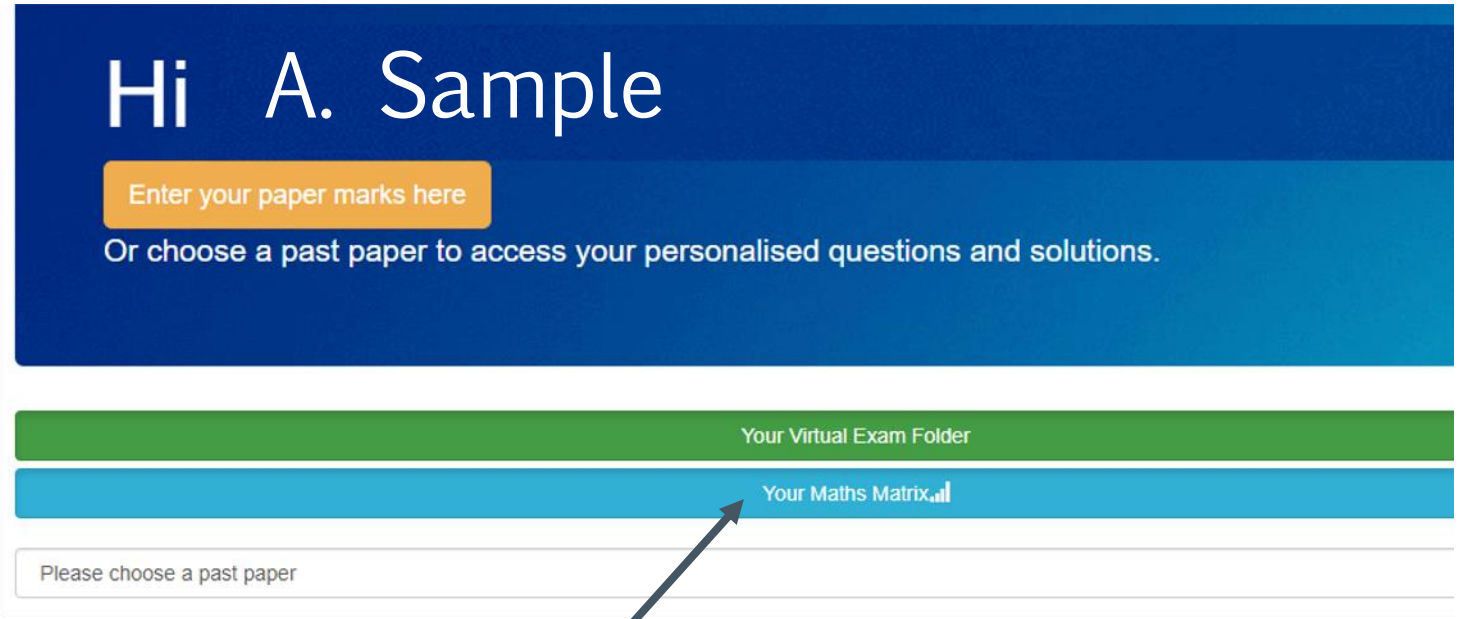
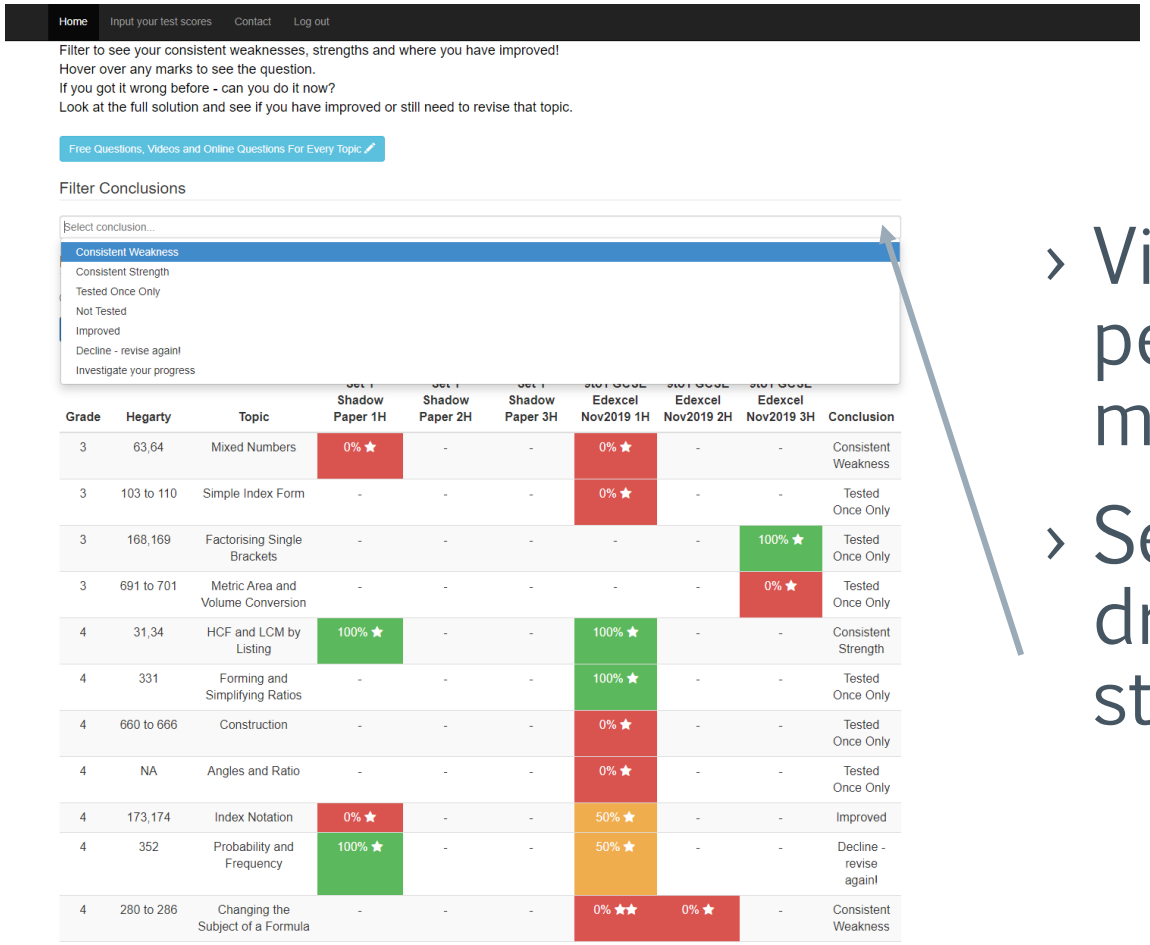


› Select your maths matrix for a visual of your performance over all topics assesed

Pinpoint Learning: maths education – personalised learning



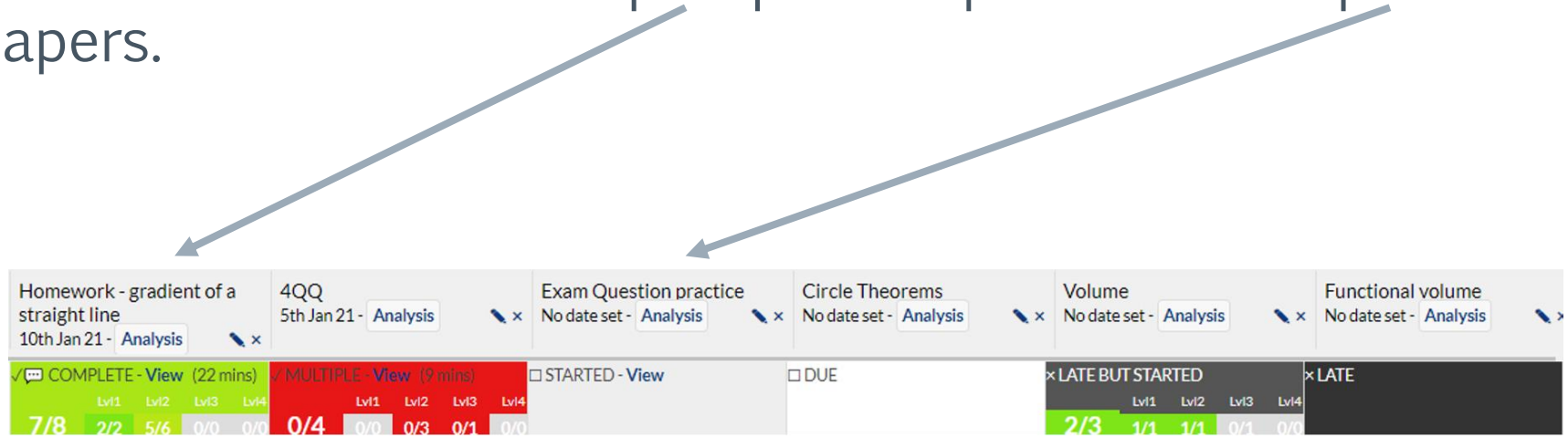
Grade	Hegarty	Topic	Set 1 Shadow Paper 1H	Set 1 Shadow Paper 2H	Set 1 Shadow Paper 3H	9-1 GCSE Edexcel Nov2019 1H	9-1 GCSE Edexcel Nov2019 2H	9-1 GCSE Edexcel Nov2019 3H	Conclusion
3	63,64	Mixed Numbers	0% ★	-	-	0% ★	-	-	Consistent Weakness
3	103 to 110	Simple Index Form	-	-	-	0% ★	-	-	Tested Once Only
3	168,169	Factorising Single Brackets	-	-	-	-	-	100% ★	Tested Once Only
3	691 to 701	Metric Area and Volume Conversion	-	-	-	-	-	0% ★	Tested Once Only
4	31,34	HCF and LCM by Listing	100% ★	-	-	100% ★	-	-	Consistent Strength
4	331	Forming and Simplifying Ratios	-	-	-	100% ★	-	-	Tested Once Only
4	660 to 666	Construction	-	-	-	0% ★	-	-	Tested Once Only
4	NA	Angles and Ratio	-	-	-	0% ★	-	-	Tested Once Only
4	173,174	Index Notation	0% ★	-	-	50% ★	-	-	Improved
4	352	Probability and Frequency	100% ★	-	-	50% ★	-	-	Decline - revise again!
4	280 to 286	Changing the Subject of a Formula	-	-	-	0% ★★	0% ★	-	Consistent Weakness

- View colour coded performance in the maths matrix
- Select the options from the drop down box to see strengths and weaknesses

DrFrostMaths.com

https://www.drfrostmaths.com/

- Free site
  - Your child's teacher will set classwork and homework via this site. This will include topic specific questions and past exam papers.



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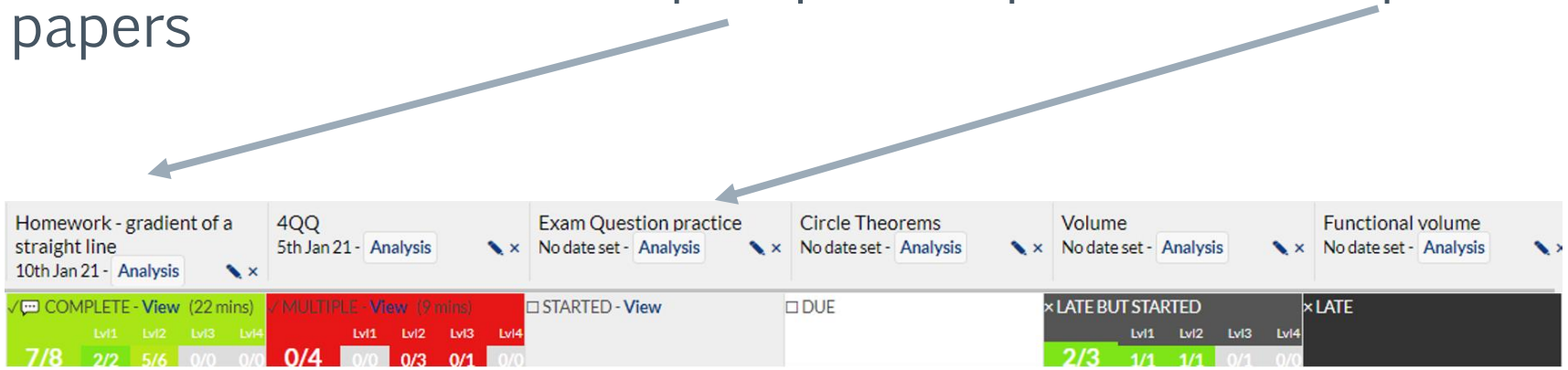
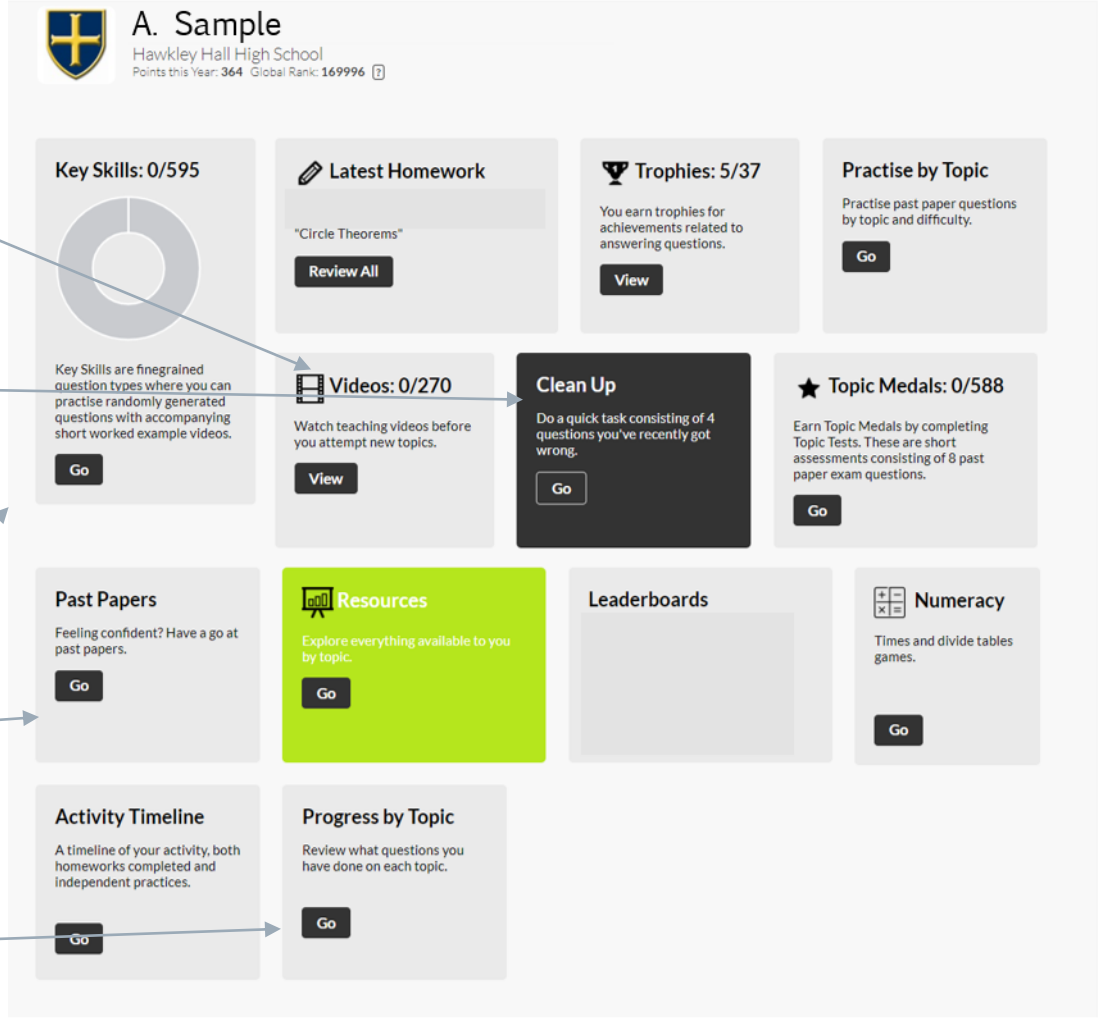


  - This can be used to identify areas of strength and KNOWLEDGE GAPS

DrFrostMaths.com

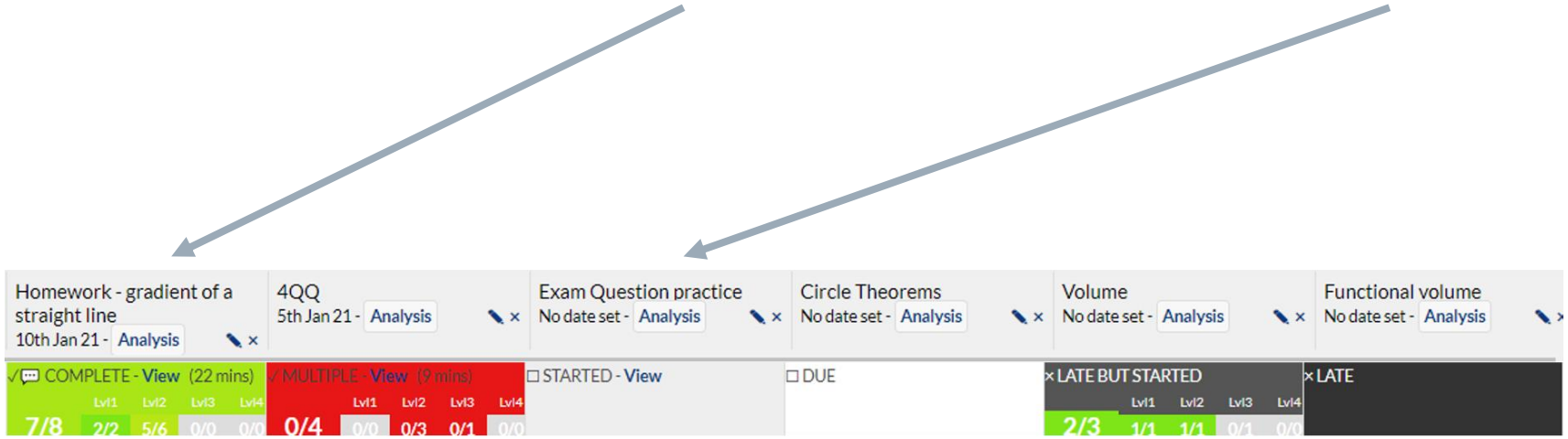
The Dashboard

- To work on knowledge gaps students can watch videos
- Students can also complete ‘clean up tasks’ which will set them personalised questions based on their weak areas
- They can also practice key skills. These are core skills that underpin topics
- Practice past papers
- Press the ‘progress by topic’ button to see performance in different areas of maths



DrFrostMaths.com

› Everything that a student completes on this site is recorded



Further support

- If your child is unsure which areas of maths to work on please ask them to speak to their teacher either in school or through Satchel One (Show My homework).
- If your child is receiving additional tuition then sharing the information from Pinpoint and Dr Frost can help to support this, by ensuring that gaps in understanding are being addressed.
- Work on practicing specific topics alongside past exam question