

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

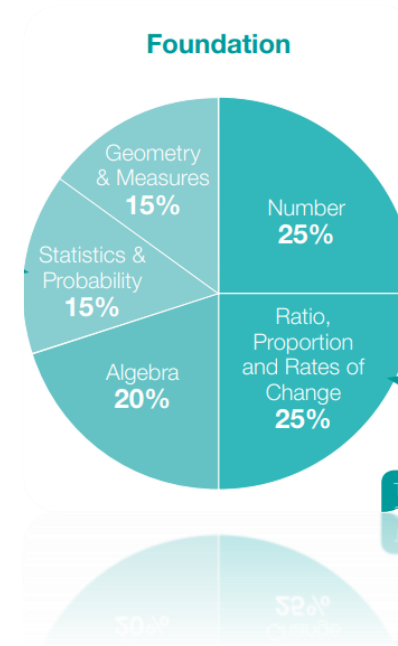
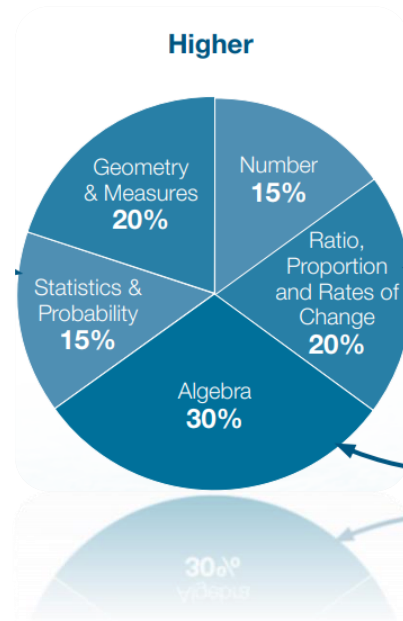
1. Course information – available grades and content
2. Corbett Maths – free website with videos, questions and answers on every topic
3. Pinpoint Learning – view your personal mock exam results
4. Dr. Frost – view your personal progress from lessons and homework

Course Content

› Two tiers

- Higher (grades 4 – 9)
- Foundation (grades 1 – 5)

› Topic are broken up for each tier as shown below



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Corbett Maths

<https://corbettmaths.com/>

› A website with access to free resources



Corbettmαths

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

Available for GCSE Higher or Foundation Tier



5-a-day Workbooks



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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



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](#)

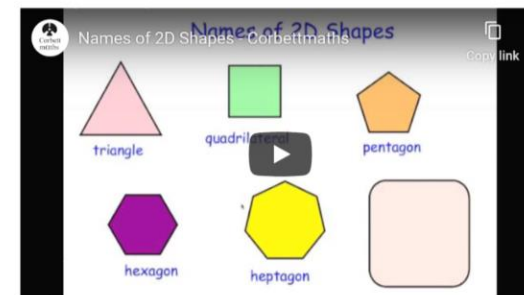
3D shapes: names [Video 3](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: nets [Video 4](#) [Practice Questions](#) [Textbook Exercise](#)

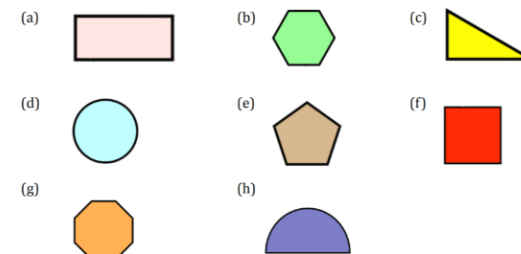
3D shapes: vertices, edges, faces [Video 5](#) [Practice Questions](#) [Textbook Exercise](#)

Addition: column method [Video 6](#) [Practice Questions](#) [Textbook Exercise](#)

Names of 2D shapes video



Question 2: Name each of the shapes below



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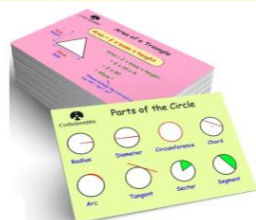
What resources can I purchase to support my child?

<https://www.amazon.co.uk/>

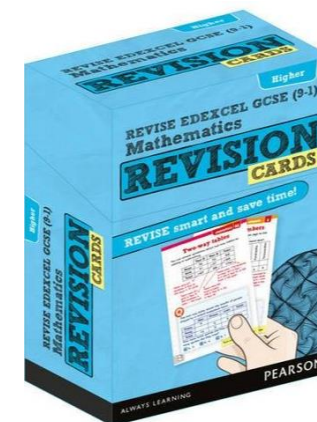
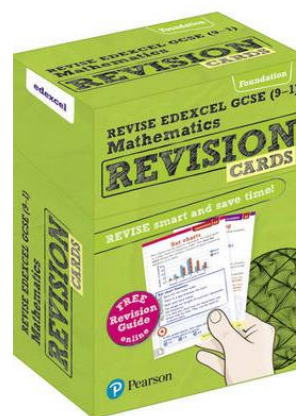
Corbett
maths

GCSE Revision Cards

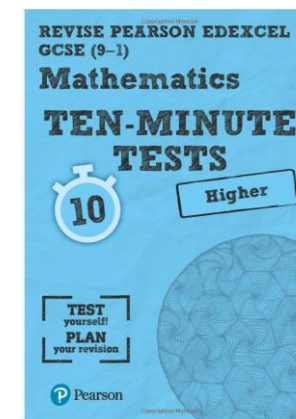
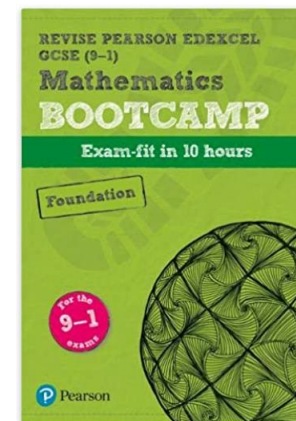
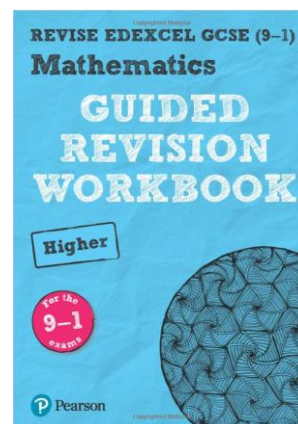
Available for GCSE Higher or Foundation Tier



5-a-day Workbooks



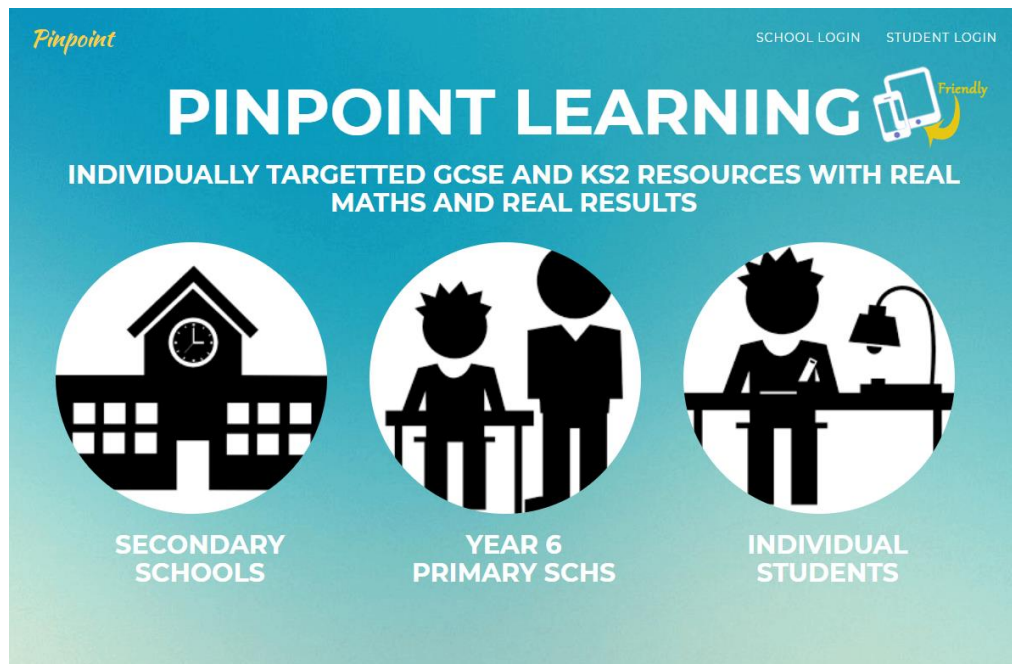
Pearson resources



Please ensure any resources are for the exam board Edexcel

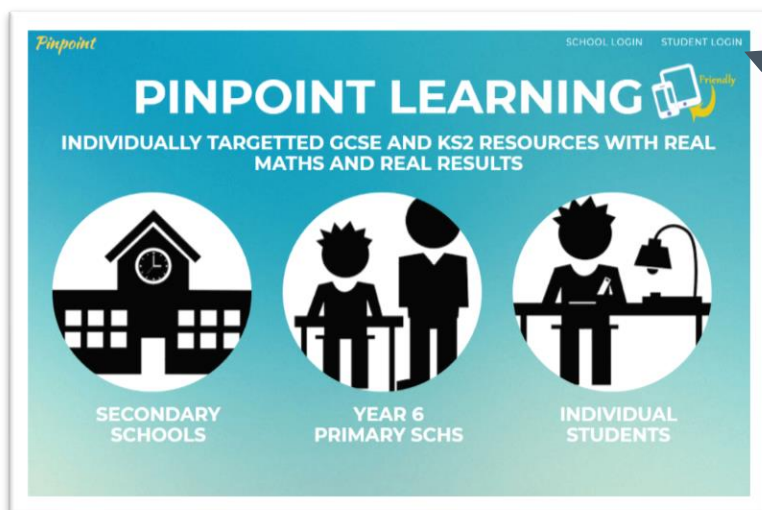
Pinpoint Learning: maths education – personalised learning

<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.)

The image shows a 'STUDENT LOGIN' form. At the top is a blue header with the text 'STUDENT LOGIN'. Below this is a white box with the title 'STUDENT LOGIN' in bold. Underneath the title are two input fields: 'Student Username' and 'Student Password'. Below the password field is a 'Submit' button. An arrow points from the text '(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.)' to the 'Student Username' input field.



Pinpoint Learning: maths education – personalised learning

A mockup of the Pinpoint Learning user interface. It features a dark blue header with the text 'Hi A. Sample'. Below this is an orange button labeled 'Enter your paper marks here' and a line of text 'Or choose a past paper to access your personalised questions and solutions.' Below the header are two horizontal bars: a green one labeled 'Your Virtual Exam Folder' and a blue one labeled 'Your Maths Matrix'. At the bottom is a white dropdown menu with the placeholder text 'Please choose a past paper'. An arrow points from the text below to this dropdown menu.

Hi A. Sample

Enter your paper marks here

Or choose a past paper to access your personalised questions and solutions.

Your Virtual Exam Folder

Your Maths Matrix

Please choose a past paper

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

3 Work out $1\frac{3}{4} \times 1\frac{1}{3}$

Give your answer as a mixed number.

Video Solutions Link: Available For This Test

My Best Performing Topics My Learning Progress Track Test Paper On Order

Your current focus: Exam Question video

Headerly MathsWatch AD Strand™ Max Mark™ Your Mark

Question 3 (Total 3 marks)			
Part	Working or answer an examiner might expect to see	Mark	Notes
	$1\frac{3}{4} = \frac{7}{4} \quad 1\frac{1}{3} = \frac{4}{3}$	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

Pinpoint Learning: maths education – personalised learning

› 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

Pinpoint Learning: maths education – personalised learning

› 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**

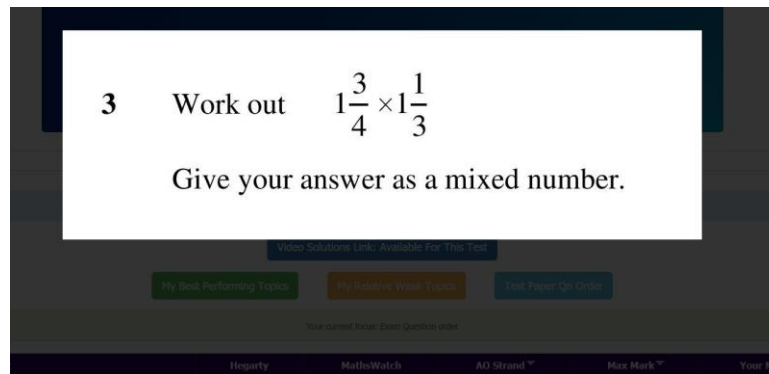
Question	Answers	Topic
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q4	q4	Construction
q5	q5	Angles and Ratio
q6	q6	Missing Mean Questions
q7a	q7a	Simple Index Form
q7b	q7b	Index Notation
		Scale Diagrams with Bearings and Speed

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

Pinpoint Learning: maths education – personalised learning

› 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.

Pinpoint Learning: maths education – personalised learning

Your Virtual Folder

All your tests, class comparisons and solutions in one place.

Please choose one of your completed GCSE papers

9to1_GCSE_Edexcel_Nov2019_1H

Video Solutions Link: Available For This Test

My Best Performing Topics

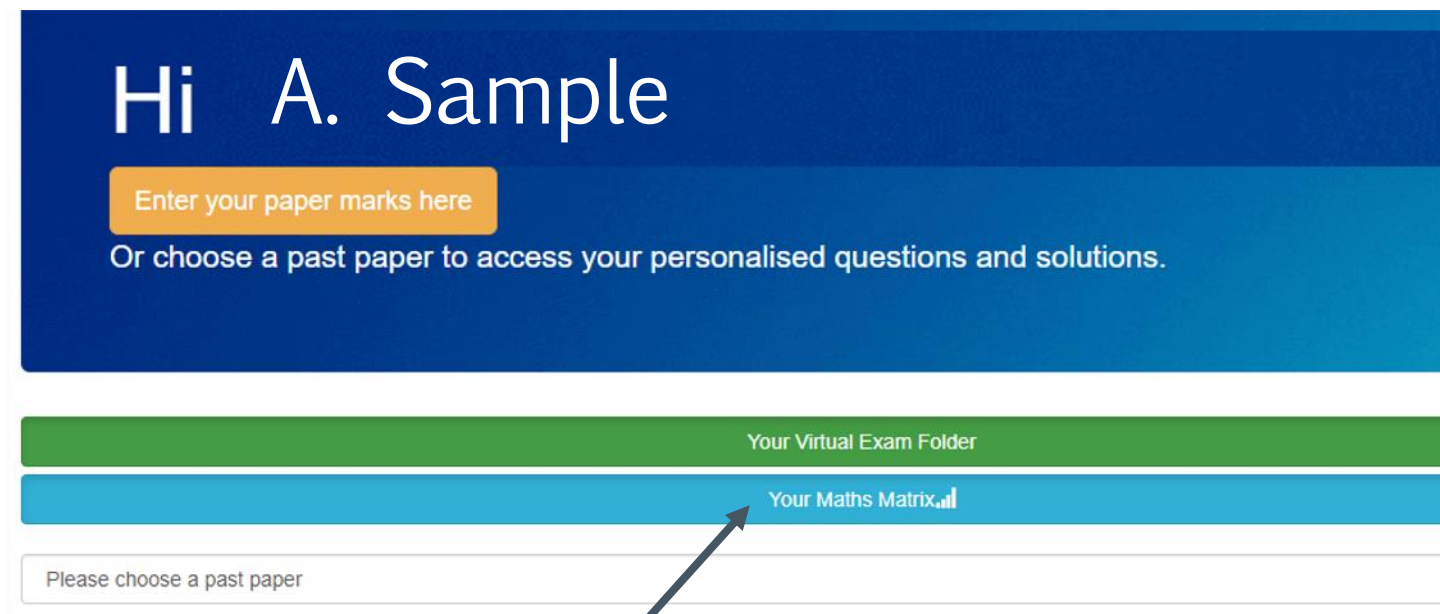
My Relative Weak Topics

Test Paper Qn Order

› Virtual exam folder

- Look at best performing topics are weakest topics by clicking here

Pinpoint Learning: maths education – personalised learning




Hi A. Sample

Enter your paper marks here

Or choose a past paper to access your personalised questions and solutions.

Your Virtual Exam Folder

Your Maths Matrix 

Please choose a past paper

The screenshot shows a user interface for 'Pinpoint Learning'. At the top, a dark blue header contains the text 'Hi A. Sample'. Below this, there is an orange button labeled 'Enter your paper marks here' and a line of text 'Or choose a past paper to access your personalised questions and solutions.'. Underneath, there are two horizontal bars: a green one labeled 'Your Virtual Exam Folder' and a blue one labeled 'Your Maths Matrix' followed by a small bar chart icon. At the bottom, there is a white input field with the placeholder text 'Please choose a past paper'. An arrow points from the 'Your Maths Matrix' bar to the explanatory text below the image.

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

Pinpoint Learning: maths education – personalised learning

Home Input your test scores Contact Log out

Filter to see your consistent weaknesses, strengths and where you have improved!
Hover over any marks to see the question.
If you got it wrong before - can you do it now?
Look at the full solution and see if you have improved or still need to revise that topic.

Free Questions, Videos and Online Questions For Every Topic

Filter Conclusions

Select conclusion...

- Consistent Weakness
- Consistent Strength
- Tested Once Only
- Not Tested
- Improved
- Decline - revise again!
- Investigate your progress

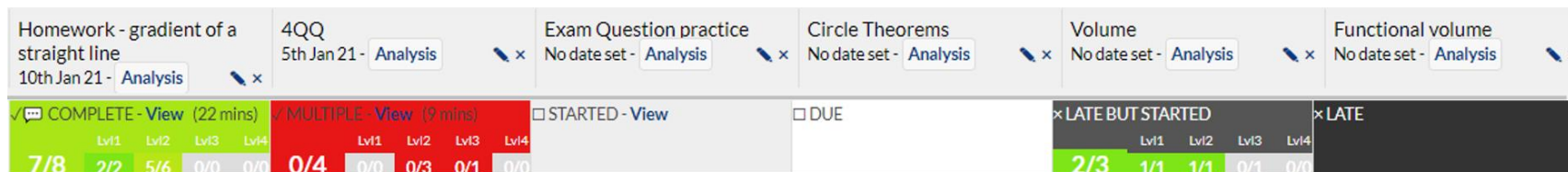
Grade	Hegarty	Topic	Set 1 Shadow Paper 1H	Set 1 Shadow Paper 2H	Set 1 Shadow Paper 3H	Set 2 Edexcel Nov2019 1H	Set 2 Edexcel Nov2019 2H	Set 2 Edexcel Nov2019 3H	Conclusion
3	63,64	Mixed Numbers	0% ★	-	-	0% ★	-	-	Consistent Weakness
3	103 to 110	Simple Index Form	-	-	-	0% ★	-	-	Tested Once Only
3	168,169	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



› Free site

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



Homework - gradient of a straight line 10th Jan 21 - Analysis	4QQ 5th Jan 21 - Analysis	Exam Question practice No date set - Analysis	Circle Theorems No date set - Analysis	Volume No date set - Analysis	Functional volume No date set - Analysis
✓ COMPLETE - View (22 mins) Lv11 Lv12 Lv13 Lv14 7/8 2/2 5/6 0/0 0/0	✓ MULTIPLE - View (9 mins) Lv11 Lv12 Lv13 Lv14 0/4 0/0 0/3 0/1 0/0	□ STARTED - View	□ DUE	✗ LATE BUT STARTED Lv11 Lv12 Lv13 Lv14 2/3 1/1 1/1 0/1 0/0	✗ LATE



DrFrostMaths.com

› Free site

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Homework - gradient of a straight line 10th Jan 21 - Analysis	4QQ 5th Jan 21 - Analysis	Exam Question practice No date set - Analysis	Circle Theorems No date set - Analysis	Volume No date set - Analysis	Functional volume No date set - Analysis
✓ COMPLETE - View (22 mins) Lv1 7/8 Lv2 2/2 Lv3 5/6 Lv4 0/0 0/0	✓ MULTIPLE - View (9 mins) Lv1 0/4 Lv2 0/0 Lv3 0/3 Lv4 0/1 0/0	□ STARTED - View	□ DUE	✗ LATE BUT STARTED Lv1 2/3 Lv2 1/1 Lv3 1/1 Lv4 0/1 0/0	✗ LATE

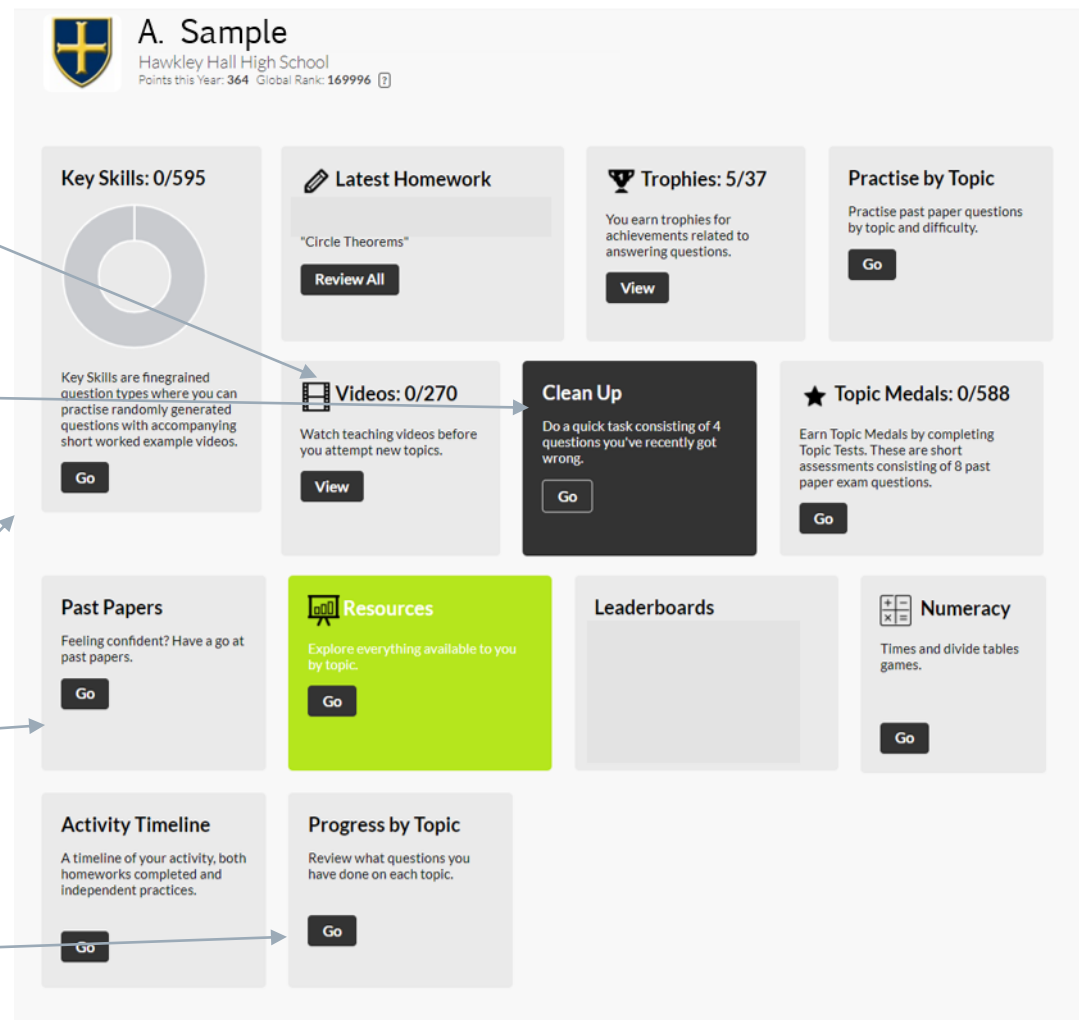
- This can be used to identify areas of strength and **KNOWLEDGE GAPS**



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



Homework - gradient of a straight line 10th Jan 21 - Analysis	4QQ 5th Jan 21 - Analysis	Exam Question practice No date set - Analysis	Circle Theorems No date set - Analysis	Volume No date set - Analysis	Functional volume No date set - Analysis
✓ COMPLETE - View (22 mins)	✓ MULTIPLE - View (9 mins)	□ STARTED - View	□ DUE	✗ LATE BUT STARTED	✗ LATE
Lvl1 Lvl2 Lvl3 Lvl4 7/8 2/2 5/6 0/0 0/0	Lvl1 Lvl2 Lvl3 Lvl4 0/4 0/0 0/3 0/1 0/0			Lvl1 Lvl2 Lvl3 Lvl4 2/3 1/1 1/1 0/1 0/0	

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