

Revising Maths

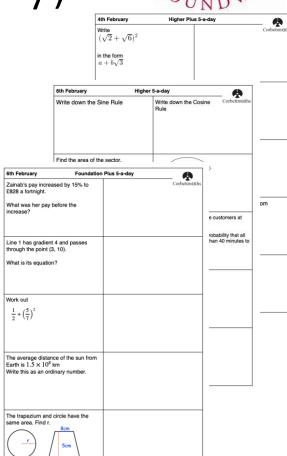
Mrs C Davies





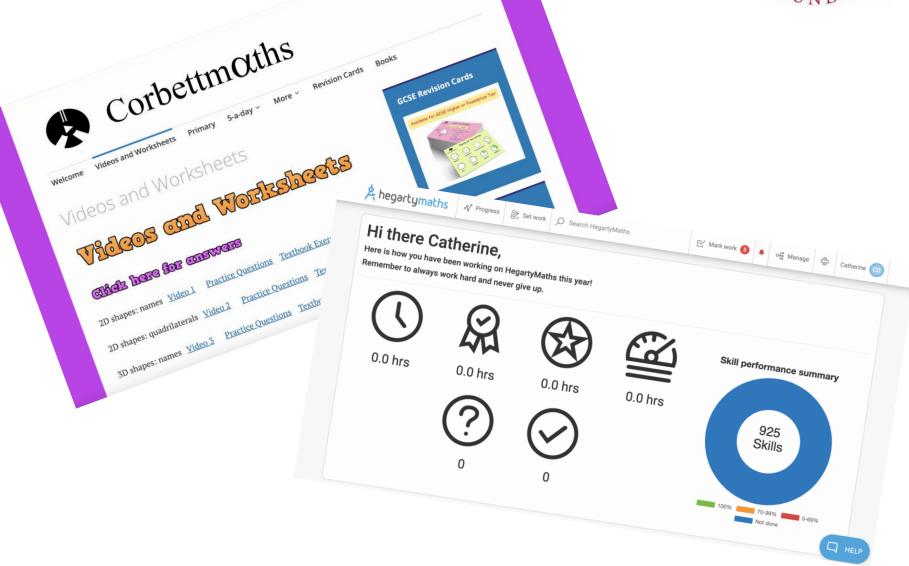


"Little and Often" approach using the 5-a-day. The only way to remember what they learnt yesterday/last week/last month/last year is to regularly practise questions on those topics. The 5-a-day gives them a chance to do that. If they find a topic they can't remember how to do a question on, encourage them to watch a video on it to give them a reminder... if there're in doubt over what topic it is, just tell them to ask their teacher.



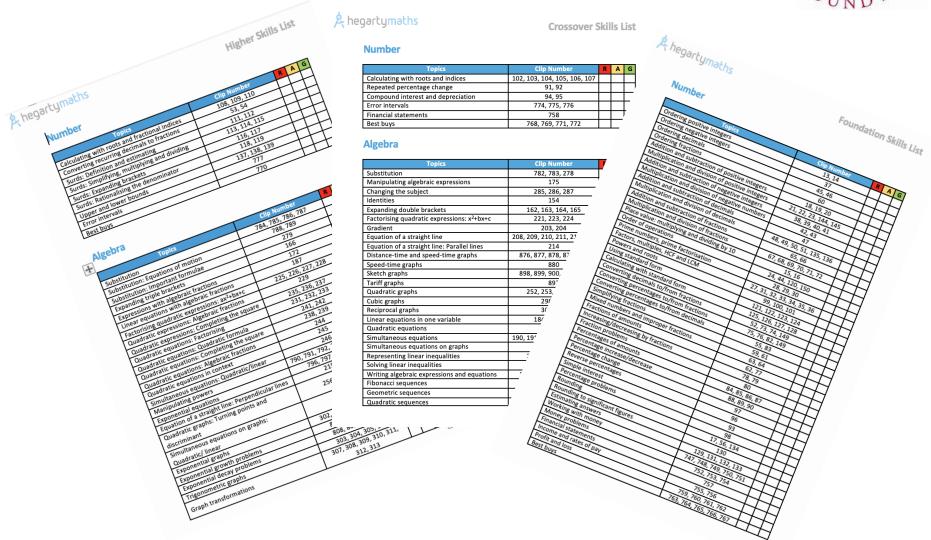






3. Revision lists





4. Past papers (Thursday)



Surname	Ot	her names			
Pearson Edexcel Level 1 / Level 2 GCSE (9–1)	Centre Number	Candidate Number			
Mathematics Paper 3 (Calculator)					
		Higher Tier			
	tor)	Higher Tier Paper Reference 1 MA 1/3 H			

Instructions

- Use black ink or ball-point pen.
- 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 be used.
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

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.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.











The vast majority of a GCSE maths paper are fairly predictable.

- It will also help them identify what topics are their "weaknesses" and they will know which videos and practice questions they will need to work on next.
- With the "problem solving" questions, even though the ones they practise may not come up, the skills they apply to solve it when working on the past papers will really help them be prepared for the trickier question(s) in the actual GCSE.



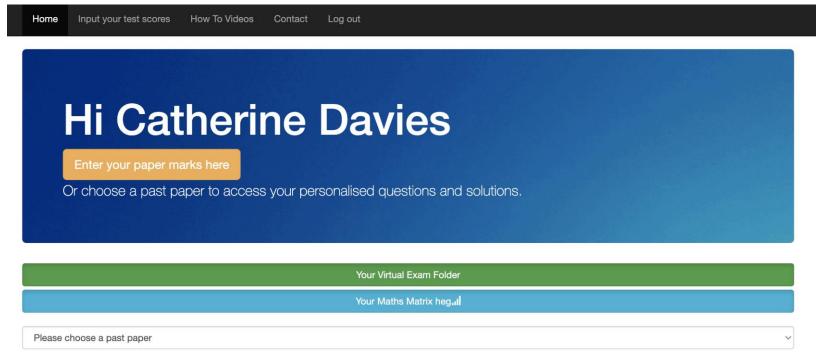
5.Marking

Encourage them to mark their papers using mark schemes. By looking at the mark schemes will help them see what they need to write to get full marks.

Paper 1MA1: 3H					
Question	Working	Answer	Mark	Notes	
1 (a)		Venn Diagram	B1	for labels on diagram	
	$A \longrightarrow B$		M1	for just 15 in the intersection	
	$\begin{bmatrix} 3, 9, \\ 21, 27 \end{bmatrix}$ 5, 25		M1	for just 5 and 25 in only set B or just 3, 9, 21 and 27 in only set A or just 1, 7, 11, 13,	
				$17, 19, 23, 29 \text{ in } (A \cup B)'$	
			C1	for all numbers correctly placed in the Venn Diagram	
	1,7,1,12,17,12,22				
	1,7,11,13,17,19,23,29			Ignore all entries except the region you are marking for each method mark	
		7		b	
(b)		$\frac{7}{15}$	P1	ft for $\frac{"7"}{a}$ where $a \ge "7"$ or $\frac{b}{"15"}$ where $b \le "15"$	
		15		u 13	
				ft $\frac{7}{15}$ oe	
			A1	$\frac{1}{15}$ oc	
2		$x = -\frac{2}{}$	M1	for a method to eliminate one variable (condone one arithmetic error)	
		$x = -\frac{1}{3}$			
		y = -2	M1	(dep) for substituting found value in one of the equations or appropriate method after	
				starting again (condone one arithmetic error)	
			A1	2	
			Ai	$x = -\frac{2}{3} \text{ oe and } y = -2$	
				3	
3 (a)		12	B1	cao	
3 (a)		12	ы	Cao	
(b)		Explanation	C1	No with statement about not being mutually exclusive events eg a person could be in	
` ′		_		both categories	

6. Pinpoint learning









7. Timings

When they are working on past papers, encourage them to time themselves to make sure they are working at a good pace. If the exam has 80 marks and is 1 hour 30 minutes long, "a minute a mark" is a good rough guideline.

8. Revision Guides



Collins

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