

Year 11 Mathematics Information Evening

Students First

Director of Maths Outcomes

- Maths outcomes – results and progress.
- Staff recruitment, development & retention.
- The Curriculum.
- Primary Liaison.
- Collaboration across the PLT.













Year 11 Outcomes:

- Teach year 11 only across the PLT.
- Specialism is at the top end, so students with targets of 6/7 – 9.
- Tutor time programme.
- P6.

The Evening

- Introduction to the team
- New GCSE format and grades
- 2017 GCSE Maths Results
- Where are the year 11s currently?
- What we will be doing?
- How can you help?
- Past Paper Friday
- What can the students do?
- Resources

The Team


 MRS KERRISON Co-ord. Leader of Maths	 MISS CROUCH Second in Faculty	 MISS GOODWIN-LOCKE Director of Maths	 MISS HARDING	 MR SCUDAMORE	 MR THOMPSON
 MR BOYCE	 MISS CATT	 MISS HILL	 MISS LIDDINGTON	 MR WANG	 MR WILSON



New GCSE

- It is tougher
- More content in Foundation and Higher
 - Roughly a third more content
 - Content moved down from higher to foundation
 - Problem solving and financial style questions

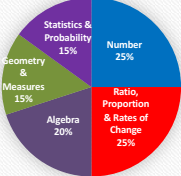
Examination

- The total time for the examinations is increasing from 3 hours 30 minutes to 4 hours 30 minutes over 3 papers
- All exams will be sat at the end of the course
- The same topics can appear on all three assessments
- There are fewer marks at the lower grades and more marks at the higher grades at both Foundation & Higher tier
- Pupils will be required to remember more formulas
- More emphasis on problem solving

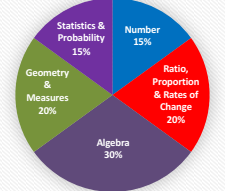
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Foundation Content





Higher Content



It is worth noting that there is a $\pm 3\%$ tolerance for each domain area.

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AC1 is about using and **applying standard techniques**, similar to the current AC1

50% foundation
40% higher

AC2 has a different focus. It's about **reasoning, interpreting and communicating** mathematically


25% foundation
30% higher



AC3 is about solving problems with a much greater focus on **solving non-routine problems** in mathematical and non-mathematical contexts.

25% foundation
30% higher

Quality of written communication (QWC) is also now included as part of AC2.

In 2015 there is less AC1 at higher and more in the same of Foundation compared to 2010.

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Paper 1
Non-calculator

33.3% weighting

1 hour and 30 minutes

80 marks

Paper 2
Calculator

33.3% weighting

1 hour and 30 minutes

80 marks


Paper 3
Calculator



33.3% weighting

1 hour and 30 minutes

80 marks

1	2	3	4	5	6	7	8	9
Foundation tier								
					Higher tier			

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The Grades


Higher Tier



3	4	5	6	7	8	9
D	C	C/B	B	A	A*	A* +

Foundation Tier

1	2	3	4	5
G/F	F/E	D	C	C/B

A grade 4 is a pass: A grade 5 is a good pass


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2017 GCSE Results

Grades	ALL	Girls	Boys
9-7	14%	14%	14%
9-5	43%	48%	38%
9-4	75%	77%	73%
9-1	99%	99%	99%

8 students achieved grade 9

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2018 GCSE Results

Grades	ALL	Girls	Boys
9-7	20%	20%	20%
9-5	50%	50%	50%
9-4	100%	100%	100%
9-1	100%	100%	100%

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Current Position for Year 11s

- 50% of students are within sight of 9-4
- 25% of students are within sight of 9-5

- Sets 1,2 & 3 – Higher
- Sets 4 & 5 - Foundation

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What will we be doing?

- P6i
 - Target student based on 9-7, 9-5, 9-4 and 9-1
 - Tested regularly to monitor progress
 - Wednesday afterschool
- In class intervention
 - Small groups provided support within the class

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What will we be doing?

- Tutor Time Program
 - Target student based on 9-7, 9-5 and 9-4
 - Commence after Christmas
- P6e – Year 11 Revision
 - Open to all year 11
 - Thursdays afterschool in M9
- P6e – Maths Clinic
 - Help with homework
 - Tuesday afterschool in M4

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What will we be doing?

- Strategic 60
 - Students taken out of PE lessons
 - Two groups
 - Access to PixL Maths App
 - Targeted revision
- Holiday School
 - Two days at half term
 - Based on paper predictions

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Past Paper Friday

- Every Friday students given topic based GCSE questions
- Returned the following Friday
- Shown to have a positive impact on outcomes
- Feeds into teacher planning
- Encourages discipline and good practices

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How can you help?

- Encourage regular revision
- Ensure homework is being completed
- Familiarise yourself with online resources
- Communicate with teachers /central leader of mathematics



What can the students do?

- Attend intervention
- Complete homework
- Start revising – Little and Often
- Try in every PPE
- Participate in every lesson
- Impeccable behaviour
- Attend school (96%)
- Talk to their teacher/tutor/parents



TOP 10 RESOURCES



10 - TWITTER - @PCSAMATHS



9 - MYMATHS.CO.UK



Login: priorycs Password: formula14

8 - GCSEPOD

For 2 successive homeworks, what is the probability that at least 1 will be on time?

Tree diagram

0.6	On time
	Late
0.1	Not at all

7 - YOUTUBE

Search:
PRIORYCSA

6 - MISSBRESOURCES.COM

Welcome to
Miss B's Resources
Sharing good practice,
ideas and resources

5 - MRBARTONMATHS.COM

mr barton maths.com

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Welcome to > pupils > GCSE maths revision

The resources on this page are designed to help you prepare independently for your GCSE, because the only way to succeed at maths is to do maths. Choose the resources that support your prepared topic of revision this term. Design a structured revision programme around this that you can stick to, and watch your confidence and your marks rise and rise!

Happy revising - it will be worth it in the end!

- GCSE Past Papers and Solutions
- GCSE Maths Takeaway!
- Walking, Talking Topics
- GCSE Notes and Examples

4 - CORBETT MATHS

Corbett
mαths

Year 10	Year 11	Year 12	Higher
<p>Date</p> $\frac{21-2x}{3} = 5$			
<p>What is already given/asked for A required</p> <p>When $W = 0.5$, $A = 4$</p> <p>What is required/asked for B given A</p>			
<p>What was the value of B when $A = 2$</p>			<p>What was the value of B when $W = 0.05$</p>
			<p>Calculate the angle the sine makes with the ground</p>
			<p>Prove $\pi = \pi$</p>

3 - EDEXCEL REVISION GUIDES/WORKBOOKS

Coming Soon

2 - P6I/ P6E

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"The Two Mats" mastering Circle Theorems with the help of Mr C at P6I this evening @Priorycsa

1 - PIXL MATHS APP

The screenshot shows the PiXLmaths app interface. At the top, there is a navigation bar with the PiXLmaths logo and buttons for 'Take profile' and 'Logout'. Below the navigation bar, there are several menu items: 'Design a test', 'Skills overview', 'Gap analysis', 'Take a challenge', 'View leader', and 'Homework tasks'. The main content area is titled 'CLASS ENGAGEMENT LEADER BOARD' and displays the user's current rank as '1st'. Below the rank, it states 'You have mastered 6 skills.' and 'You are moving towards mastering 4 more skills.' To the right of the text is a table listing the top 10 students and their scores.

Rank	Student Name	Score
1.	TERRYSHORTS	85
2.	LEWINSB	40
3.	TAYLORJ	39
4.	HAWKESR	17
5.	EDWARDS C	7
6.	COOKI	6
7.	HARLINGA	6
8.	SHAILERJ	4
9.	BALLARDM	3
10.	VERNONB	3