

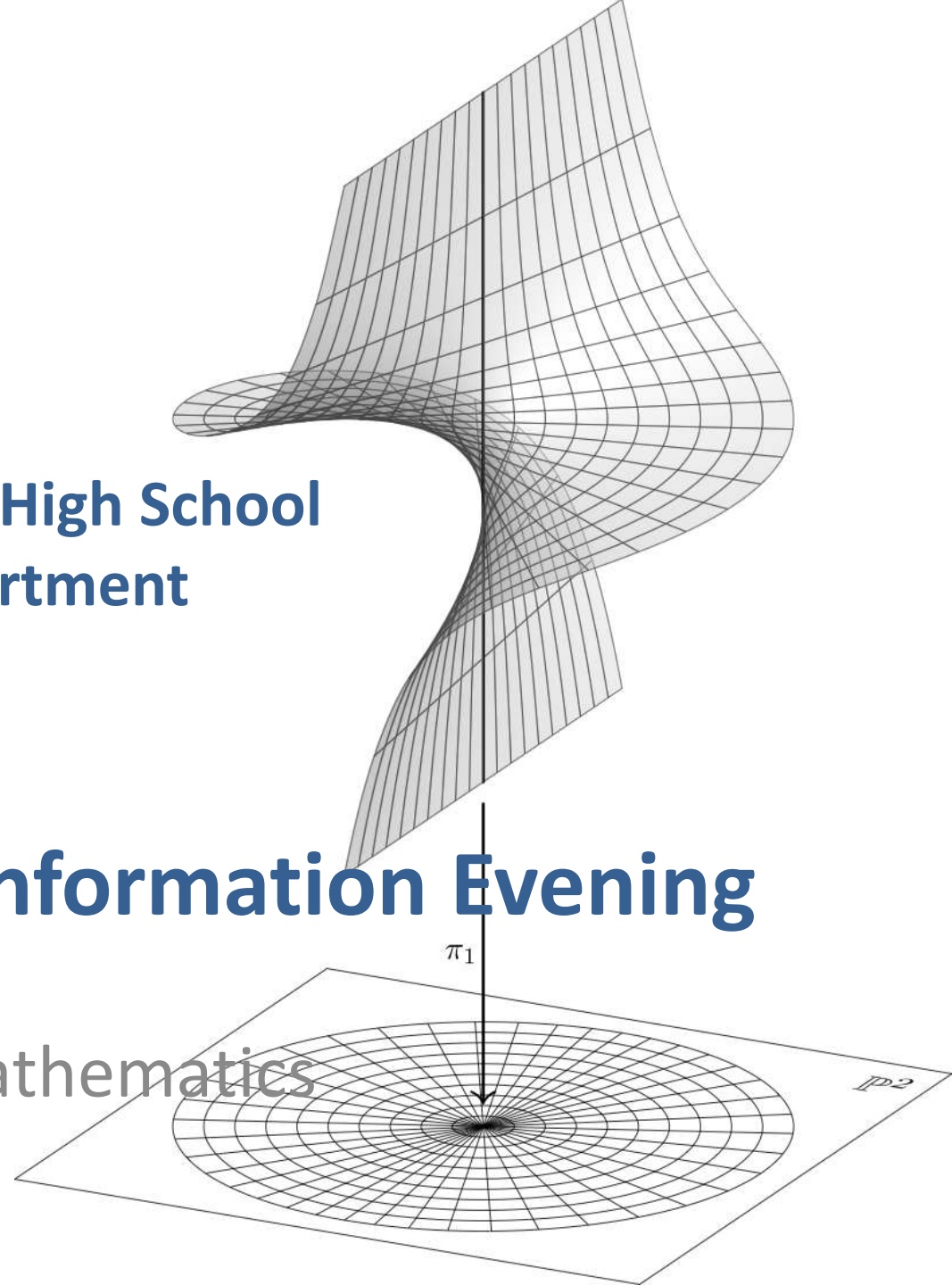


# Christ the King Catholic High School Mathematics Department

## Year 11 Parents' Information Evening

How to prepare for Mathematics  
GCSE.

Friday, 19 October 2018



# Maths GCSE grades for 2017

A*	9
A	8
B	7
C	6
D	5
E	4
F	3
G	2
U	1

Top 3% of pupils achieve 9

7 is anchored to old A

5 is set between B and C

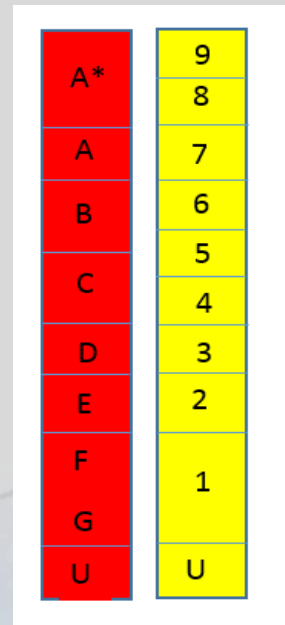
4 is anchored to old C

1 is the old F and G

# Maths GCSE 2017

## Structure of the Tiers

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



A*	9
A	8
B	7
C	6
D	5
E	4
F	3
G	2
U	1
	U

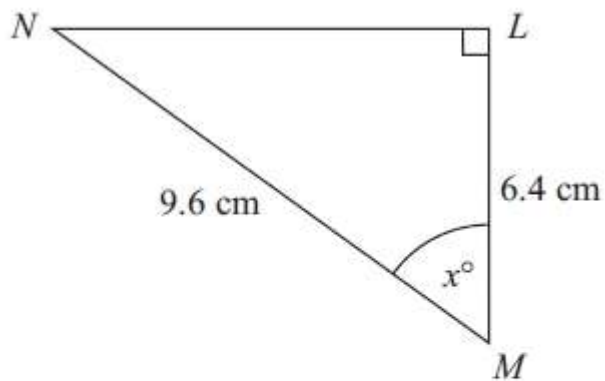
Tiers in the reformed GCSE are not the same as tiers under the previous specification.

# Maths GCSE 2017

- Edexcel Linear 1MA1 or AQA
- 100% examined (no coursework)
- THREE written exams
- Paper 1 Non calculator (80 marks) 1.5 hours
- Paper 2 Calculator (80 marks) 1.5 hours
- Paper 3 Calculator (80 marks) 1.5 hours

# Maths GCSE 2017

- Greater focus on problem-solving.
- Requirement to provide clear mathematical arguments.
- New added content at both Higher and Foundation level.
- Fewer formulae provided. (students expected to remember them!)



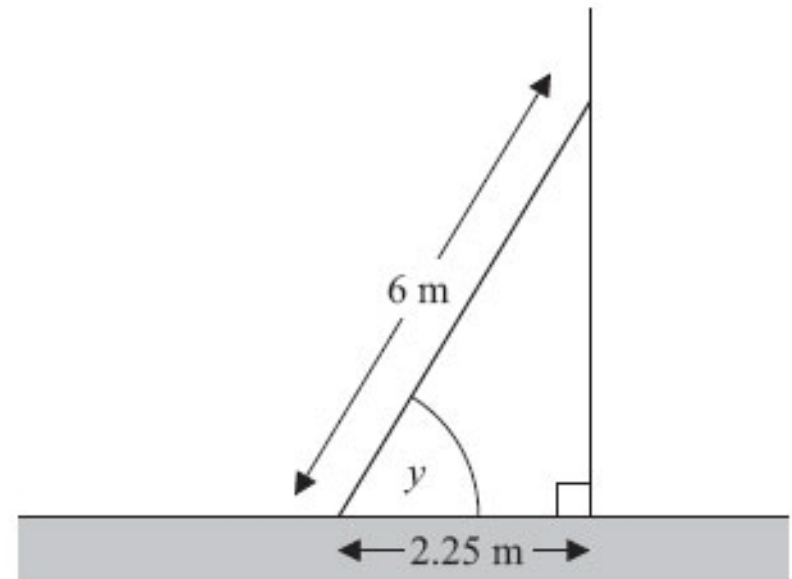
$LMN$  is a right-angled triangle.

$MN = 9.6$  cm.

$LM = 6.4$  cm.

Calculate the size of the angle marked  $x^\circ$ .  
Give your answer correct to 1 decimal place.

\* The diagram shows a ladder leaning against a vertical wall.



The ladder stands on horizontal ground.

The length of the ladder is 6 m.

The bottom of the ladder is 2.25 m from the bottom of the wall.

A ladder is safe to use when the angle marked  $y$  is about  $75^\circ$ .






Is the ladder safe to use?

You must show all your working.







Friday, 19 October 2018

# How can you help?






-  Try to have a suitable work space at home for them.
-  Encourage them to work on their targets
-  Encourage attendance at the after school revision sessions.
-  Encourage completion of homework
-  Ensure they are using the online revision tools



# How can we help?

-  Monday night revision for students below target.
-  Monday night Higher revision drop in for pupils who just want a little extra.
-  Revision sessions in the run up to the exam
-  Feedback from mocks personalised and detailed to aid independent study

# Hegarty Maths

-  <https://hegartymaths.com/login/teacher>
-  Online revision and homework tool
-  Pupils will be set tasks online
-  Videos are linked
-  Questions are exam style and are immediately marked



- Not liking the teacher.
- A lack of interest in the subject.
- Finding the work difficult and giving up.
- Deciding that they are no good at a subject.



- Not being fully equipped - poor organisation.
- behind with homework.
- Avoiding lessons/school.

# So...what happens now?





Revising **isn't** something that should be  
**challenging** or **difficult** at all.  
What revising is, unfortunately, is time  
consuming. **It takes a while.** That's  
why you might like to **start early**  
(nothing to do on a Sunday?)....

# Make a plan

WB:	9-10	10.15 - 11.15	11.15 - 12.15	12.15 - 1.15	1.15 - 2.15	2.15 - 3.15	3.30 - 4.30	7-8	8-9
Monday									
Tuesday									
Wednesday									
Thursday									
Friday									
Saturday									
Sunday									

# And the most important...



Lots and lots of exam practice...do loads of papers, then do them again and again, until you get them right!! (But don't forget to get them marked by your teacher, or check against the Mark Scheme.)



Locations:

Resources/Maths/!Edexcel 1MOA, 1380, 1540 or Certificate.

Via the Edexcel website (Specification A 1MAO or Edexcel Certificate 4MAO)





# Key Dates:

 Mock December (whole school mock series)

 Mock March (1<sup>st</sup> week)

 GCSE Exams:

 May 2018 paper 1

 June 2018 paper 2

 June 2018 paper 3



# Sixth Form Resit.

If you get less than a Grade 4 you will be required to resit Maths in the Sixth Form/at College.

