

Dear Parent(s)/Carer(s)

Attached is the revision schedule for Year 11 Maths from February 20 2017.

Revision sessions for Maths will be held every Tuesday from 3:30 – 4:30pm. These are open to ALL year 11 students. They do not need to sign up to attend they can just turn up but they will need to sign in once they are there as we do need to have a register for safety reasons.

As you can see the sessions are split into grades. Students can attend any session if there is a topic that they think they need help with. However, it is important that students do not choose sessions according to where their friends are going. Ideally students should attend the sessions aimed at their target grade but sometimes there may be a topic being offered in one of the other groups that they may feel they would be better attending.

At these sessions the teacher will revise the key points and then give the students time to practice these skills with past exam questions. We have therefore produced booklets that contain past paper questions on each of the topics being covered. Unfortunately, due to the photocopying costs we do ask that Students buy the booklet(s) according to the sessions they are attending. There is one booklet covering grades 5-9 costing £1.00 and two separate booklets for the 3-5 groups and Foundation grade 4 group. These cost 0.50p each. Students can, of course, buy whichever booklets they think will be of any use. If students do not wish to buy the booklets there will be some available for use each evening but we just ask that students do not write in them.

Pupils can choose to use some of their Pupil Premium money to purchase revision resources if they are entitled to it and so wish. In addition, transport could possibly be arranged for Pupil Premium Students if getting home after the revision session is an issue. Please contact the school if you would like to arrange this.

We do strongly recommend attendance at these sessions. Evidence suggests that pupils who attend do achieve higher grades. However, it is vital that students realise that these sessions should be there to support revision at home rather than replace it.

The Maths Department will be providing the students with booklets of sample papers shortly after half term. These will predominantly be used in lessons but may be set as homework.

Students will also shortly be receiving logins for a Diagnostic Question website. The idea of this is that students will be sent two GCSE questions a day (to their e-mail account). They answer these questions online and their responses are sent to their class teacher. This allows the class teacher to see which topics students are still struggling with and therefore they can ensure that they revise it in lessons. Your child's maths teacher will give them more details in class. Parents will also receive further details by e-mail.

A reminder that students can also use www.methodmaths.com . All students have been given their passwords but if anyone would like a reminder then they can e-mail the school or ask their Maths teacher.

Other websites such as MyMaths and Corbett Maths are also very useful in helping students with their revision at home.

Revision guides and workbooks are still available from the Maths office at a cost of £5.00 for both books.

Maths exams are on:

Thursday 25 May 2017 9:00am (Morning revision from 8:00am)

Thursday 08 June 2017 9:00am (Morning revision from 8:00am)

Tuesday 13 June 2017 9:00am (Morning revision from 8:00am)

We hope to hold another mock exam around Easter time (paper 1 before Easter, Papers 2 & 3 after Easter). Dates will be posted on the website once confirmed.

Hopefully by working together we will ensure that your child achieves their best result in the summer. Thank you in advance for your support.

Yours sincerely

M Evans

**Michelle Evans
Head of Maths**

Maths Revision Schedule - Class of 2017

These are the topics that are being covered in the after school revision sessions. We would like pupils to buy booklets to accompany these sessions. There is one booklet that covers groups 1 and 2 (£1) and separate booklets for groups 3 and 4 (50p each). Pupils are welcome to buy all of the booklets if they want to. Pupils should attend the revision sessions and then practice these topics by using the questions in the booklets and Corbett Maths, MyMaths, Method Maths, Math Watch CDs* , Revision Guides*, internet, Past Paper booklets**
 Students need to cover the topics in the list of their target grade but they should also ensure that they are confident in all topics from their target grade down.

	Groups	1	2	3	4
W/C		Target Grade 7-9	Target Grade 5-7	Target Grade 3-5 Higher	Target Grade 4 Foundation
ROOM		31	29	33	36
7th February		How to revise at home	How to revise at home	How to revise at home	How to revise at home
21st February		Higher Probability - + venn diagrams	Compound and Reverse Percentages	Perimeter, Area & Volume inc Circles (arcs & Sectors)	Perimeter, Area and Volume inc circles
28th February		SA & volume of 3D shapes / Ratios Similar shapes (Area & vol) / Density	Shading Regions	Angles inc parallel lines and polygons	Surface area, volume and problems in area / volume etc
7th March		Solving quadratics (Factorising and quadratic formula) inc quadratic inequalities	Area & Volume inc. circles (arcs & sectors) & ratio of areas / volumes	Pythagoras - including 3D / Basic Trigonometry SOHCAHTOA	Laws of Indices / nth term
14th March		Direct and Inverse Proportion	Indices & standard Form / Surds	Simplifying algebra / multiplying out brackets / Factorising	Angles in parallel lines / polygons
21st March		Histograms & Moving Averages	Sequences - including quadratic sequences	Solving equations / simultaneous equations	Ratio and proportion - recipes
28th March		Indices & surds / Recurring decimals	Straight Line Graphs inc perpendicular to	Indices / standard Form	Estimation / Rounding
4th April	Easter Holiday				
11th April	Easter Holiday				
18th April		Similar triangles / Congruent triangles / proofs (geometric and	Iterative Formulae	Basic Probability - tree diagrams	Straight line graphs
25th April		Equation of a circle including tangents	Circle Theorems	Averages / Averages from grouped frequency table / sampling	Simplifying expressions / expanding / factorising / substitution
2nd May		Sine / Cosine rule & Area under Graphs	Solving quadratics - from graphs / factorising / quadratic formulae	Rounding & Estimating and Bounds	Solving Equations / inequities
9th May		Fractional Equations inc quadratic simultaneous	Inequalities & Simultaneous Equations	Volume and Surface Area	Fractions / Decimals / %
16th May		Transformations of Graphs & completing the square inc trig graphs	Cumulative Frequency / Box Plots	Transformations	Averages and range from frequency tables
23rd May		Vectors	Upper & Lower Bounds	Compound Interest / reverse Percentages	Pie Charts / Scatter Graphs
Thurs 25th - 8.00am	General Revision of everything / Warm Up				
Thurs 25th May (am)	Paper 1 Non Calculator 1hr 30 mins				
30th May	Half Term Holiday				
1st June	9.30 - 12.00 Revision session for paper 2 / 3				
Tues 6th June		Requests	Requests	Requests	Requests
Thurs 8th - 8.00am	General Revision of everything / Warm Up				
Thurs 8th June (am)	Paper 2 Non Calculator 1hr 30 mins See your maths teacher for a list of topics most likely to come up in paper 3 following papers 1 & 2				
Mon 12th June	Revision session for paper 3 - general				
Tues 13th - 8:00am	General Revision of all Paper 3 Topics / Warm Up				
Tues 13th June (am)	Paper 3 Calculator 1hr 30 mins				

* these are available to buy from the Maths office at school

**These will be provided by the school