

Ripon Grammar School

Helping shape the future since 1555



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Tuesday 21st September

Dear Lower 6th mathematics and further mathematics students,

Re: Supporting learning in mathematics

I am writing to explain how you can support your learning in mathematics through the website <https://www.mathspanda.com>, which is run specifically for RGS students and for which no login or password is required.

Scheme of work

From the homepage, you can download the **Mathematics Scheme of Work**. A scheme of work tells teachers what topics to teach, when to teach them and roughly how long to spend on them. Naturally, a teacher may choose to teach the material in a slightly different order and at a slightly different pace according to the group they are teaching.

From the **Contents** tab, all schemes of work can be accessed so you can go back to revise previous material if you need to do so. Year 11 students should select the **Y11** worksheet tab at the bottom.

The **Y12 LO** and **Y12 FM LO** tabs clearly state what the **learning objectives** for each topic i.e. what needs to be learnt for each topic and is a useful reference when revising.

AS Ma and AS FM pages on MathsPanda

The **AS Ma**, <https://www.mathspanda.com/ASMa.html>, and **AS FM**, <https://www.mathspanda.com/ASFM.html>, pages on MathsPanda accompany the courses topic-by-topic throughout the academic year. Most topics include:

Lessons: if you miss a lesson or require another explanation, click on the individual lesson links. Each lesson includes **explanations, notes, worked examples**, link to **videos** should you need further help and a helpful **summary** at the end. Click on the blue link 'Solutions to Starters and E.g.s' at the bottom of the lesson to view all the working for the questions in the lesson. The lessons for the AS Maths – Teacher Y (i.e. the one who teaches you three periods a week will be added next academic year).

Topic test preparation

- Pre-Topic Test worksheets of past paper questions.
- Post-Topic Test worksheets of past paper questions.

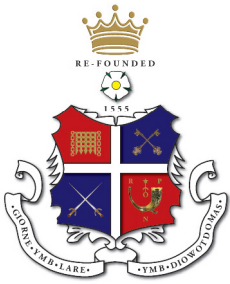
Previous Mock papers: previous academic year's January mock papers, including mark schemes will aid your preparation.

Headmaster: Mr. Jonathan M. Webb, MA (Cantab).

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Past paper and their mark schemes: sets of past paper and their mark schemes. Past papers will be printed out for you nearer the time.

Maths Challenge page on MathsPanda

The **Maths Challenge** <https://www.mathspanda.com/UKMT.html> pages houses **extension material**. Teachers may set these as exercises for homework or do them in class. However, there is nothing stopping you from doing them at home and then asking your teacher for the answers.

Junior – Year 7 and Year 8

Intermediate – Year 9, Year 10 and Year 11

Senior – Lower 6th and Upper 6th

After completing the sheets for Lower 6th, you can move on to the Upper 6th questions. Once all questions have been completed for a particular level, you may wish to ask your teacher for the UKMT mentoring material – but be warned, this is not for the faint hearted.

If there is no internet access at home, you can use the computers at school to get hold of the material. Of course, in addition to the above, you can always seek support from your teacher should you reach an immovable point. We hope you find what is detailed above useful as you study mathematics at Ripon Grammar School.

Yours sincerely,

Mr. White
Head of Mathematics

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