

Re-founded 1555

# Ripon Grammar School

*Helping shape the future since 1555*



Tuesday 21<sup>st</sup> September

Dear Year 10 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 10 students should select the **Y10** worksheet tab at the bottom.

The **Y10 LO** tab clearly states what the **learning objectives** for each topic i.e. what needs to be learnt for each topic and is a useful reference when revising.

### Year 10 page on MathsPanda

The **Year 10** page on MathsPanda, <https://www.mathspanda.com/year10.html>, accompanies the course topic-by-topic throughout the academic year. Each topic includes:

**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.

### Topic test preparation

- A Skills sheet which revise key skills for each topic.
- A Pre-Topic Test worksheet of past paper questions
- A Post-Topic Test worksheet of past paper questions – you can do this before the topic test though if you want to get more practice

### Individual areas

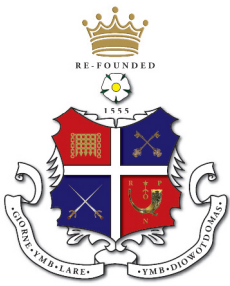
- Links to Corbett maths pages which have exercises on specific topics

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## Revision

- A worksheet of past paper questions covering all topics until that point in the academic year.
- Revision worksheets prior to examinations (e.g. November, End of Year etc)

All answers to worksheet can be found in the markscheme (MS) documents. Click on   at the bottom of the document to go to the answers for the Corbett maths questions.

**Examination preparation:** as requested by parents, previous November and May (end of year) examinations are placed on MathsPanda in order to aid your revision.

## 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 6<sup>th</sup> and Upper 6<sup>th</sup>

After completing the sheets for Year 10, you can move on to the Year 11 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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