

The Friary Sixth Form



A Level Maths Summer Project Pack 2023

Summer Tasks



Task 1

Review of Y13 Topics Taught in Y12

We have covered 4 chapters of the Pearson Year 2 text book. You will need to complete the targeted questions from Review Exercise 1 in the text book to consolidate your knowledge. We will need to see this work fully completed and checked in September. Make sure you show full working and correct any errors.

- Algebraic Methods. Review Exercise 1. p107. Q1 – Q10
- Functions and Graphs. Review Exercise 1. p107 - 109. Q11 – Q20
- Sequence and Series. Review Exercise 1. p109 - 111. Q21- 30
- Binomial Expansion. Review Exercise 1. p111-112. Q31 - 40

Task 2

Review of Y12 Topics and Exam Practice

You are going to use Crash Maths which is an excellent free website to practice year 1 AS level questions.

Complete the following papers. You have links to the paper and the mark scheme.

We will need evidence in September that these have been done and checked.

Pure AS Practice Paper

Questions

<https://crashmaths.com/wp-content/uploads/2018/09/AS-M-BRONZE-P1-A-QP.pdf>

Mark Scheme

<https://crashmaths.com/wp-content/uploads/2018/09/AS-M-BRONZE-P1-A-MS.pdf>

Applied AS Practice Paper

Questions

<https://crashmaths.com/wp-content/uploads/2018/11/AS-M-BRONZE-P2-A-QP.pdf>

Mark Scheme

<https://crashmaths.com/wp-content/uploads/2018/09/AS-M-BRONZE-P2-A-MS.pdf>

Both assignments are due in by Friday 8th September.

When you return in September you will have assessments. The questions will be based on the topics covered in these Summer Tasks. This will be excellent preparation for your assessments.