



## **Coombe Wood Year 12 Bridging Work**

SUBJECT: A' Level Mathematics

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We recommend you purchase the following textbook for this subject area:

1. [CGP "Head Start to A-Level Maths"](#)

and/or

2. [Collins "Bridging GCSE and A-Level Maths" – Higher level of Preparation](#)

More book details given below

All bridging work must be completed by 17/9 and forms part of your Pupil Passport at Coombe Wood Sixth Form.

ASSESSMENT OBJECTIVE CRITERIA
Be able to recall and use previous higher level knowledge in its own right and its application to A' Level Mathematics.

TASK: Revise higher level KS4 Maths,	DURATION: 5 weeks, 25+ hours
<b><u>Suggested Textbooks to work through:</u></b>	
1. <a href="#"><u>CGP "Head Start to A-Level Maths"</u></a>	
ISBN: 978-1-78294-792-9	
Cost on Amazon Approximately £6	

Suggested schedule for working through the textbook.

Date:	Topics to cover	Pages
Week Beginning		
2/8	<u>Sections 1 &amp; 2:</u> Number, Basic Algebra	6-15
9/8	<u>Section 5:</u> Graphs	34-41
16/8	<u>Sections 3 &amp; 6:</u> Quadratic Equations , Trigonometry and Vectors	16-21, 42-50
23/8	<u>Section 4:</u> More Algebra	22-33
30/8	<u>Section 5:</u> Statistics & Probability	51-60

## 2. Collins "Bridging GCSE and A-Level Maths" – Higher level of Preparation

ISBN: 978-0-00-820501-0

Cost on Amazon Approximately £7

Suggested schedule for working through the textbook.

Date: Week Beginning	Topics to cover	Pages
26/7	<u>Sections 1 &amp; 2:</u> Surds and Indices, Algebra 1	4-14
2/8	<u>Section 3:</u> Coordinate Geometry 1	15-25
9/8	<u>Sections 4 &amp; 7:</u> Algebra 2, Vectors	26-32, 50-58
16/8	<u>Section 5:</u> Coordinate Geometry 2	33-42
23/8	<u>Section 8:</u> Differentiation	59-69
30/8	<u>Section 6 &amp; 9:</u> Trigonometry, Integration	43-49, 70-76

Useful websites for learning resources (videos), practice and reference:

<http://m4ths.com/gcse-to-a-level-bridge.html>

<https://amsp.org.uk/resource/gcse-alevel-transition-resources>

<https://sites.google.com/view/tlmaths/home/gcse-to-a-level-maths-bridging-the-gap>

<https://www.pearson.com/uk/educators/schools/subject-area/mathematics/unrivalled-support/support-from-pearson/gcse-maths-transition-to-alevel.html>