

KS4 Mathematics - Foundation

<u>Foundation tier</u>	<u>Paper 1</u>	<u>Paper 2</u>	<u>Paper 3</u>
	1 $\frac{1}{2}$ hour	1 $\frac{1}{2}$ hour	1 $\frac{1}{2}$ hour
	Calculator	Non-calculator	Calculator
	Grades 1-5	Grades 1-5	Grades 1-5

Revision Websites: there are some excellent websites designed to help support students with their preparation for the Maths GCSE. Below is a summary of the websites we believe are particularly useful:

- www.onmaths.com
- www.justmaths.co.uk – questions especially for the new GCSE
- www.mathedup.co.uk
- www.corbettmaths.co.uk – an amazing free website with practice papers by topic and also the essential '5 a Day'!
- www.studymaths.co.uk – a collection of online self-marking worksheets for the majority of topics – excellent for targeted revision.
- www.bbc.co.uk/schools/gcsebitesize/ - very good for video explanations

Formulae required at the Foundation tier that are not to be provided on a formula sheet include:	<ul style="list-style-type: none"> • Pythagoras' theorem $a^2 = b^2 + c^2$ • trigonometric ratios $\sin\theta = \frac{o}{h}, \cos\theta = \frac{a}{h}, \tan\theta = \frac{o}{a}$ • area of a trapezium $\frac{1}{2}(a+b)h$ • volume of a prism (area of cross section) × length
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