

YEAR 13 CURRICULUM INFORMATION – Mathematics			
	Summer 1		
What will students be learning?	Students will be following a bespoke revision programme based on identified weaker topics from their mocks results and assessments in preparation for their exams		
How will students be assessed?	3 papers x 2 hours , consisting of two pure and one applied.		
Literacy – What keywords will be taught?	Proof by contradiction, partial fractions, factor, polynomial, modulus, arithmetic, geometric, sigma, recurrence relations, radian, sector, segment, parametric, cartesian, product, quotient, iteration, newton- raphson, implicit, differential equations, magnitude, unit vector.		
What employability skills are being developed?	 The specific value of maths as a required or preferred subject for particular careers e.g. Engineers and engineering technicians Surveyors and surveying technicians Systems analysts Actuaries Accountants Operational researchers Chemists Software engineers Statisticians 		
Wider Curriculum Links?	Physics Trigonometry (sine waves)		



	SUVAT Logarithms Exponentials Simultaneous equations Chemistry Graphs Quadratics Logarithms Rearranging formulae Biology Graphs Surface area and volume Logarithms Business Percentages Graphs Scatter graphs Venn diagrams Box plots	
Vhat useful websites are here for this topic?	www.mathsgenie.co.uk www.drfrost.co.uk www.resourceaholic.co.uk www.crashmaths.co.uk www.physicsandmathstutor.co.uk] www.mymaths.co.uk	

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What wider reading could be done for this topic?	Pearson Maths textbooks	
	ISBN 9781292183398 ISBN 9781292232539 ISBN 9781292183404 ISBN 9781446944073	
What else can students	Complete further lessons and tasks on mymaths.	
be doing independently	Complete exam packs to develop examination skills.	
to develop their	Complete old specification past papers for extra practise.	
understanding of this		
topic?		