

Year 11 Higher Spring 1 COVID Remote Learning

Unit	Topic	Videos	Questions/answers
Unit 18 Vectors & Geometric Proof	Vector notation	<ul style="list-style-type: none"> • https://corbettmaths.com/2016/04/25/vectors/ • https://www.mathsgenie.co.uk/column-vectors.html 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf (Corbett maths answer through link at bottom of sheet). • 5-vectors.pdf (mathsgenie.co.uk) (Answers here)
	Vector arithmetic	<ul style="list-style-type: none"> • https://corbettmaths.com/2016/04/25/vectors/ • https://www.mathsgenie.co.uk/column-vectors.html 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf • Column Vectors Questions - MME (mathsmadeeasy.co.uk) (Answers here) • 5-vectors.pdf (mathsgenie.co.uk) (Answers here)
	Parallel vectors & collinear vectors	<ul style="list-style-type: none"> • https://corbettmaths.com/2016/04/25/vectors/ • Vectors - Collinear Vectors problem 1 - YouTube 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf • Vectors Questions - MME (mathsmadeeasy.co.uk) (Answers here) • https://www.mathsgenie.co.uk/resources/9-vectors.pdf (Answers here)
	Solving geometric problems	<ul style="list-style-type: none"> • https://corbettmaths.com/2016/04/25/vectors/ • https://www.mathsgenie.co.uk/vectors.html • Vectors & Vector Proofs Grade 9 Maths Series GCSE Maths Tutor - YouTube 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/vectors-pdf.pdf • Vectors Questions - MME (mathsmadeeasy.co.uk) (Answers here) • https://www.mathsgenie.co.uk/resources/9-vectors.pdf (Answers here)
	Extra	<ul style="list-style-type: none"> • <i>YouTube search the topic titles for more videos if needed.</i> 	<ul style="list-style-type: none"> • <i>Use your CGP revision guides and workbooks if appropriate.</i>

Unit	Topic	Videos	Questions/answers
Unit 19 Proportion & Graphs	Direct & Inverse Proportion	<ul style="list-style-type: none"> • http://corbettmaths.com/2013/04/04/direct-proportion/ • http://corbettmaths.com/2013/04/04/inverse-proportion/ • https://www.mathsgenie.co.uk/proportion.html • https://www.mathsgenie.co.uk/direct-and-inverse-proportion.html • https://www.youtube.com/watch?v=IAkRjwMo7NY 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2019/03/Proportion-Direct-and-Inverse.pdf • https://corbettmaths.com/wp-content/uploads/2019/03/Proportion-Direct-and-Inverse.pdf • https://www.mathsgenie.co.uk/resources/5-direct-and-inverse-proportion.pdf (Answers here) • https://www.mathsgenie.co.uk/resources/7-direct-and-inverse-proportion.pdf (Answers here) • https://mathsmadeeasy.co.uk/wp-content/uploads/2020/02/Direct-and-Inverse-Proportion-Using-Algebra-Questions-MME.pdf (Answers here)
	Exponential Functions & Non-Linear Graphs	<ul style="list-style-type: none"> • http://corbettmaths.com/2013/11/17/exponential-graphs/ • http://corbettmaths.com/2018/01/31/area-under-a-graph/ • https://corbettmaths.com/2017/01/21/instantaneous-rates-of-change/ • http://corbettmaths.com/2018/03/23/average-rate-of-change/ 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/exponential-graphs-pdf.pdf • https://corbettmaths.com/wp-content/uploads/2019/04/Area-under-a-Graph-textbook.pdf • https://corbettmaths.com/wp-content/uploads/2020/05/Rates-of-Change.pdf • https://corbettmaths.com/wp-content/uploads/2020/05/Rates-of-Change.pdf
	Transforming Functions	<ul style="list-style-type: none"> • https://corbettmaths.com/2016/08/07/transformations-of-graphs/ • https://www.mathsgenie.co.uk/transforming-graphs.html 	<ul style="list-style-type: none"> • https://corbettmaths.com/wp-content/uploads/2013/02/transformations-of-graphs-pdf1.pdf • https://www.mathsgenie.co.uk/resources/9-transforming-graphs.pdf (Answers here)

		<ul style="list-style-type: none"> • Graph Transformations Worksheets Questions and Revision MME (mathsmadeeasy.co.uk) 	<ul style="list-style-type: none"> • Graph Transformations Questions - MME (mathsmadeeasy.co.uk) (Answers here)
	Extra	<ul style="list-style-type: none"> • <i>YouTube search the topic titles for more videos if needed.</i> 	<ul style="list-style-type: none"> • <i>Use your CGP revision guides and workbooks if appropriate.</i>

You do not need to complete every question in every section – this is to give you some choice and flexibility.