

Mathematics Department

Overview of work – Autumn Term



The Queen Elizabeth
Academy

Year 11 Higher (11aMA1, 11aMA2, 11aMA3)			
Week Beginning	Topic	Hegarty Clips	Additional Resources
31/08/20	Algebra	164, 165, 173, 174, 175	https://corbettmaths.com/wp-content/uploads/2013/02/expanding-three-brackets-pdf1.pdf
07/09/20	Algebra	223, 224, 230, 231,	https://corbettmaths.com/wp-content/uploads/2013/02/changing-the-subject-advanced-pdf1.pdf
14/09/20	Quadratics	235, 236, 237	https://corbettmaths.com/2019/10/07/quadratic-formula-textbook-exercise/
21/09/20	Quadratic Formula	240, 241, 242, 243	https://corbettmaths.com/wp-content/uploads/2013/02/solving-using-completing-the-square-pdf.pdf
28/09/20	Number	53, 54, 91. 92. 108, 109	https://corbettmaths.com/wp-content/uploads/2013/02/surds-pdf1.pdf
05/10/20	Number	113, 114, 115, 116, 118, 119	https://corbettmaths.com/wp-content/uploads/2019/09/Compound-Interest-pdf-1.pdf
12/10/20	Simultaneous equations	193, 194, 195, 218, 219	https://corbettmaths.com/wp-content/uploads/2013/02/advanced-simultaneous-equations-pdf.pdf
19/10/20	Conditional probability	364, 365, 366, 367, 389, 390	https://corbettmaths.com/wp-content/uploads/2013/02/conditional-probability-pdf.pdf
Half Term			
02/11/20	Direct and Inverse Proportion	344, 345, 347, 348	https://corbettmaths.com/wp-content/uploads/2013/02/direct-inverse-proportion-pdf.pdf
09/11/20	Algebraic Fractions	172, 187229, 244	https://corbettmaths.com/wp-content/uploads/2019/12/Simplifying-Algebraic-Fractions.pdf
16/11/20	Functions	288, 289, 293, 294, 295, 296	https://corbettmaths.com/wp-content/uploads/2013/02/functions-pdf1.pdf
23/11/20	Surface Area and Volume	582, 583, 618, 619, 620	https://corbettmaths.com/wp-content/uploads/2018/12/Surface-Area-L-shaped-prism-pdf.pdf
30/11/20	Coordinate Geometry	628, 629, 630, 631, 632, 633	https://corbettmaths.com/wp-content/uploads/2019/11/Coordinate-Geometry-Ratio-pdf-1.pdf
07/12/20	Transformations	650, 651, 652, 653, 654,	https://www.mathsgenie.co.uk/resources/42_mixed-transformations.pdf
14/12/20	Review and Check up		