

AQA Level 2 Further Mathematics

	1	2	3	4	5	6	7	8	9	10	11	12	13
Autumn Term	Algebraic Manipulation and indices	Surds (1): simplify and use surds	Surds (2): rationalising denominators and equations	Algebraic fractions (1): simplify, multiply and divide	Algebraic fractions (2): add, subtract and equations	Factor theorem and polynomial division	Solving cubic equations	Functions (1): Notation and composite functions	Functions (2): Inverse functions and domains	Sequences: nth term (including quadratic sequences)	Algebraic proof and identities	Co-ordinate geometry (1): gradients, parallel and perpendicular lines	Consolidation and assessment
Spring Term	Co-ordinate geometry (2): equation of a line and intersections	Simultaneous equations	Inequalities: quadratic inequalities and regions	Differentiation (1): gradient as a rate of change	Differentiation (2): tangents, normal and stationary points	Differentiation (3): optimisation and interpreting results	Trigonometry (1): exact values and identities	Trigonometry (2): Trigonometric equations	Geometry (1): Sine and Cosine rules and area	Geometry (2): Circle geometry and advanced reasoning	Matrices (1): Notation, arithmetic and multiplication	Matrices (2): transformations and combinations	Consolidation and assessment

Algebra	Co-ordinate geometry	Number	Calculus	Geometry	Matrices