

YEAR 11 HIGHER: 2018-19

Term	Week	YEAR 10: 2017-18	Topic break-down (sub-topics)
Autumn 1	1	Averages from Tables / Scatter diagrams	3.1 Statistical representation 3.2 Statistical measures 3.3 Scatter diagrams
	2	Similarity /: Powers and standard form	12.1 Similar triangles 12.2 Areas and volumes of similar shapes 14.1 Powers (indices) 14.2 Rules for multiplying and dividing powers 14.3 Standard form
	3	Exploring and applying probability	13.1 Experimental probability 13.2 Mutually exclusive events and exhaustive outcomes 13.3 Expectation 13.4 Probability and two-way tables 13.5 Probability and Venn diagrams
	4	Equations and inequalities	15.1 Linear equations 15.2 Elimination method for simultaneous equations
	5	Equations and inequalities	15.3 Substitution method for simultaneous equations 15.4 Balancing coefficients to solve simultaneous equations 15.5 Using simultaneous equations to solve problems
	6	ASSESSMENT WEEK	
	7	RE-TEACH	
Half term - two weeks			
Autumn 2	1	Counting, accuracy, powers and surds	16.1 Rational numbers, reciprocals, terminating and recurring decimals 16.2 Estimating powers and roots 16.3 Negative and fractional powers 16.4 Surds
	2	Counting, accuracy, powers and surds	16.5 Limits of accuracy 16.6 Problems involving limits of accuracy 16.7 Choices and outcomes
	3	Quadratic equations	17.1 Plotting quadratic graphs 17.2 Solving quadratic equations by factorisation 17.3 Solving a quadratic equation by using the quadratic formula 17.4 Solving quadratic equations by completing the square 17.5 The significant points of a quadratic curve
	4	Quadratic equations	17.6 Solving one linear and one non-linear equation using graphs 17.7 Solving quadratic equations by the method of intersection 17.8 Solving linear and non-linear simultaneous equations algebraically 17.9 Quadratic inequalities
	5	Vectors	25.1 Properties of vectors 25.2 Vectors in geometry
	6	MOCK EXAMS	
	7	Reducing the REDs	
Half term - one week			
Spring 2	1	MOCK EXAMS	
	2	Graphs	23.7 Transformation of the graph $y = f(x)$
	3	Algebraic fractions and functions	24.1 Algebraic fractions 24.2 Changing the subject of a formula 24.3 Functions 24.4 Composite functions 24.5 Iteration
	4	REVISION	
	5	REVISION	
End of term - two weeks			
Summer 1	1	REVISION	
	2	REVISION	
	3	REVISION	
	4	REVISION	
	5	REVISION	
	6	EXAM	
Half term - one week			
Summer 2	1	EXAM	
	2	EXAM	

