

Year 11 Mathematics – Long Term Plan 2018-19 [Higher tier only]

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8 22 Oct.
Term 1	Number: Working with numbers incl FDP	Number: Problems in a variety of contexts FBI: Number problems	Algebra: Factorise & Expand.	Algebra: Equations, inequalities & changing the subject of a formula. FBI: Equations	Shape, Space & Measures: Perimeter, Area & Volume	Data Handling: Averages and Range FBI: Averages & Range	Mixed Exam questions & mini-mock exam	Mini Mock & review FBI: mock review
	Week 1 5 Nov.	Week 2 12 Nov.	Week 3 19 Nov.	Week 4 26 Nov.	Week 5 3 Dec.	Week 6 10 Dec.	Week 7 17 Dec.	
Term 2	Number: incl powers & indices. HCM/LCF /prod of primes/ reciprocals/ estimating answers. [Direct & Inverse proportion]	SSM: incl Angles in polygons & parallel lines FBI: Number & Shape [Circle theorems]	SSM: inc measures equivalents, compound units. Bearings and SA of solids	Data Handling: Inc Probability/ types of data & sampling FBI: Data Handling	Mock Exams	Mock Exams	Review Week FBI: mock review	
	Week 1 7 Jan.	Week 2 14 Jan.	Week 3 21 Jan.	Week 4 28 Jan.	Week 5 4 Feb.	Week 6 11 Feb.		
Term 3	Algebra: Inc substitution, sketching functions, graphs & graphical soln of equations [transformations of functions, inverse functions, equation of a circle, perpendicular lines]	SSM: constructions & loci. Congruent shapes. FBI: Graphs & loci	Number: incl Bounds & error intervals, indices and mathematical reasoning.	Algebra: Sequences incl GP, proof, expanding & factorising. FBI: Bounds & GP [Iteration & Iterative processes]	Data Handling: statistical diagrams [Time series graphs]	Mini Mock & review FBI: mock review		
	Week 1 25 Feb.	Week 2 4 Mar.	Week 3 11 Mar.	Week 4 18 Mar.	Week 5 25 Mar.	Week 6 1 April		
Term 4	SSM: incl Speed/ distance/time problems & graphs. Similar shapes. [Velocity Time graphs]	Number: Incl compound interest & exchange rates. FBI: SDT & interest [Surd]	Algebra: Solving equations incl simultaneous, changing subjects, inequalities & display on n° line. [Product of 3 binomials, Regions]	Data Handling: Averages & types of diagrams FBI: Equations & averages	SSM: Transformations. Vectors.	Mini Mock & review FBI: mock review		
	Week 1 22 April	Week 2 29 April	Week 3 6 May	Week 4 13 May	Week 5 20 May			
Term 5	SSM: Pythagoras & Trigonometry incl exact values [Sine & cosine rules]	Past paper booklets FBI: Pythagoras & Trigonometry	Past paper booklets	Past paper booklets FBI: review	GCSE EXAMS			
	Week 1 3 June	Week 2 10 June	Week 3 17 June	Week 4 24 June	Week 5 1 July	Week 6 8 July	Week 7 15 July	
Term 6	GCSE EXAMS							

