

Autumn	Probability		Linear simultaneous equations	
	Probability <ul style="list-style-type: none"> FDP Review Theoretical and experimental probability Probability of single events Probability of combined events 	Sample Spaces <ul style="list-style-type: none"> Venn diagrams Sample spaces Two-way tables Tree diagrams 	Solving algebraically <ul style="list-style-type: none"> Algebra recap Setting up simultaneous equations Using algebraic methods to solve simultaneous equations 	Solving graphically <ul style="list-style-type: none"> Setting up simultaneous equations Finding solutions graphically to a set of one or more simultaneous equations
Spring	Geometry of triangles		Ratio and Proportion	
	Constructions, congruence and loci <ul style="list-style-type: none"> Ruler and compass constructions Congruence Loci 	Pythagoras Theorem <ul style="list-style-type: none"> Using Pythagoras to find missing sides in right angled triangles Using Pythagoras to solve problems with 3D objects. 	Enlargement and similarity <ul style="list-style-type: none"> Review Year 7 and 8 ratio Similarity and enlargement Area and volume of similar shapes 	Surds and trigonometry <ul style="list-style-type: none"> Surds Using trigonometric ratios to find unknown angles and sides Solving problems using trigonometric ratios
Summer	Quadratics		Reasoning with number	
	Quadratic expressions and equations <ul style="list-style-type: none"> Creating quadratic expressions Expanding and factorising binomials Plotting quadratic graphs Solving quadratic equations Completing the square and turning points 		Indices and standard form <ul style="list-style-type: none"> Index notation and rules Fractional and negative indices Comparing and ordering numbers in standard form Calculating in standard form 	Growth and decay <ul style="list-style-type: none"> Compound percentage change Reverse percentage change Other growth and decay contexts