

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
10	Number <ul style="list-style-type: none"> Standard Form: calculations Index laws; negative and fractional Bounds and error intervals Shape, Space and Measure <ul style="list-style-type: none"> Constructions Loci Plans and elevations Algebra <ul style="list-style-type: none"> Rearranging formulae 	Algebra <ul style="list-style-type: none"> Expanding single brackets and simplifying Expand double brackets Factorise quadratic expressions Sequences; Fibonacci, quadratic, geometric Number <ul style="list-style-type: none"> Direct and inverse proportion Best buys Compound measures Percentages; reverse percentages, multipliers 	Algebra <ul style="list-style-type: none"> Inequalities; number lines, solving, solution sets Shape, Space and Measure <ul style="list-style-type: none"> Area/Circumference of circles; exact values Sector area and arc length Surface area and volume of cylinders Pythagoras' theorem; problem solving 	Algebra <ul style="list-style-type: none"> $y=mx+c$ Equations of parallel lines Equation of line through a point/two points Plotting non-linear graphs Shape, Space and Measure <ul style="list-style-type: none"> Transformations Angles problems and reasoning Similarity and congruence in 2D shapes Similar triangles 	Algebra <ul style="list-style-type: none"> Set up and solve equations Simultaneous equations; graphical, simple algebraic solving Probability <ul style="list-style-type: none"> Venn diagrams and set notation Tree diagrams; independent and dependent events 	Statistics <ul style="list-style-type: none"> Stem and leaf diagrams Averages from frequency tables Comparing distributions
11	Shape, Space and Measure <ul style="list-style-type: none"> Pythagoras' theorem Trigonometry in right angled triangles Number <ul style="list-style-type: none"> Standard Form: all calculations Index laws: combination Algebra <ul style="list-style-type: none"> Simultaneous equations; solve all, set up and solve Solving quadratic equations by factorising 	Shape, Space and Measure <ul style="list-style-type: none"> Transformations; enlargement Number <ul style="list-style-type: none"> Direct and inverse proportion Percentages; repeated percentage change Shape, Space and Measure <ul style="list-style-type: none"> Sectors, including exact values Volume of cylinders and spheres Vectors 	Shape, Space and Measure <ul style="list-style-type: none"> Vectors Revision and Exam Preparation	Revision and Exam Preparation	Revision and Exam Preparation	Revision and Exam Preparation