Year 10 Higher

Autumn	Averages and range	Representing and interpreting data	Scatter graphs	Collecting data	Cumulative frequency, box plots and histograms	Probability		
Spring	Graphs: the basics and real-life graphs	Linear graphs and coordinate geometry	Accuracy and bounds	Setting up, rearranging and solving equations	Sequences	Transformations	Solving quadratic and simultaneous equations	Inequalities
Summer	Pythagoras' Theorem and trigonometry	Quadratic, cubic and other graphs	Reciprocal and exponential graphs; Gradient and area under graphs	Circle geometry				

Year 11 Higher

Autumn	Similarity and congruence in 2D and 3D	Direct and inverse proportion	Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics	Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof	Perimeter, area and	3D forms and vol	Accuracy and bounds
Spring	Constructions, loci and bearings	Graphs of trigonometric functions	Further trigonometry	Circle theorems	Vectors and geometric proof	Multiplicative reasoning (refreshing number skills before revision	
Summer	Revision of key topics						