	Unit	Lesson	Hours
Autumn Term	**16 Quadratic equations and graphs**	16.1 Expanding double brackets	11
		16.2 Plotting quadratic graphs	
		16.3 Using quadratic graphs	
		16.4 Factorising quadratic expressions	
		16.5 Solving quadratic equations algebraically	
	17 Perimeter, area and volume 2	17.1 Circumference of a circle 1	12
		17.2 Circumference of a circle 2	
		17.3 Area of a circle	
		17.4 Semicircles and sectors	
		17.5 Composite 2D shapes and cylinders	
		17.6 Pyramids and cones	
		17.7 Spheres and composite solids	
	18 Fractions, indices and standard form	18.1 Multiplying and dividing fractions	10
		18.2 The laws of indices	
		18.3 Writing large numbers in standard form	
		18.4 Writing small numbers in standard form	
		18.5 Calculating with standard form	
	19 Congruence, similarity and vectors	19.1 Similarity and enlargement	12
		19.2 More similarity	
		19.3 Using similarity	
		19.4 Congruence 1	
		19.5 Congruence 2	
		19.6 Vectors 1	
		19.7 Vectors 2	
	20 More algebra	20.1 Graphs of cubic and reciprocal functions	12
		20.2 Non-linear graphs	
		20.3 Solving simultaneous equations graphically	
		20.4 Solving simultaneous equations algebraically	
		20.5 Rearranging formulae	
		20.6 Proof	