

Term	Block	Length (weeks)	Topics
Spring	Trigonometry	2	Using Pythagoras' theorem in 2D Finding unknown sides in right-angled triangles Finding unknown angles in right-angled triangles Using the exact values of trigonometric ratios Calculating bearings Calculating with trigonometry and bearings
	Quadratic, cubic, reciprocal and real life graphs	2	Graphs of cubic functions Graphs of reciprocal functions Plotting velocity-time graphs Calculating acceleration from velocity-time graphs
	Constructions and Loci, Plans and Elevations	2	Constructing bisectors of angles Constructing perpendicular bisectors and lines Constructing loci
	Growth and Decay	1	Compound interest calculations Growth and decay
	Properties of Polygons	1	Angles in polygons
	Congruence, similarity and vectors	3	Understanding similarity Finding unknown sides in similar shapes Understanding congruence Congruent triangles Constructing triangles Adding and subtracting column vectors Multiplying column vectors by a scalar Identifying parallel vectors
	Ratio and Proportion	2	Combining ratios Calculating with ratios and algebra Changing ratios Solving direct proportion word problems Solving inverse proportion word problems Currency conversion