

SUBJECT CURRICULUM OUTLINE

Term	Topic/Unit of work	Knowledge	Skills	Assessment
Autumn Term 1	Algebra: quadratics Congruence	Multiply two brackets Factorise quadratic expressions Difference of two squares Solving quadratics Find approximate solutions Congruence for triangles Identify similar shapes Identify scale factor	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Topic Test Book marking
Autumn Term 2	Right-angled triangles Constructions	Pythagoras' Theorem Missing side lengths Calculate length of line segment Sketch 3D solids Identify 3D shapes Plans and elevations Scale drawings Bearings	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Mocks Topic test Book marking
Spring Term 1	Rearranging equations Transformations	Change the subject Cubic functions Simultaneous equations	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Mocks Topic test Book marking
Spring Term 2	Revision		Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Book marking
Summer Term 1	Revision		Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	
Summer Term 2				