

## SUBJECT CURRICULUM OUTLINE

Term	Topic/Unit of work	Knowledge	Skills	Assessment
Autumn Term 1	Number	Four operations Place Value Decimals Integers Negative numbers	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Baseline test – groupings Book marking
Autumn Term 2	Number	Indices (powers and roots) Standard form Surds Factors, Multiples and Primes	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Topic test Book marking
Spring Term 1	Fractions and Percentages	Equivalent fractions Adding/subtracting fractions Multiplying/Dividing fractions Improper fractions/mixed number FDP conversions % of amount	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Topic test Book marking
Spring Term 2	Ratio and Proportion	Simplifying ratio Sharing ratio Combining ratio Unitary method Currency conversions	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	End of topic End of year assessment Book marking
Summer Term 1	Algebra	Manipulating terms Rearranging equations Solving equations Substitution Expanding Factorising Sequences	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Topic test Book marking
Summer Term 2	Data	Tables, charts and graphs Averages and spread Interpreting graphs	Use and apply: four operations Comprehension Reasoning Communicating mathematically Problem solving	Topic test Book marking