

Year 7

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Algebraic Thinking						Place Value and Proportion					
	Sequences	Understand and use algebraic notation			Equality and equivalence		Place value and ordering integers and decimals			Fraction, decimal and percentage equivalence		
Spring	Applications of Number						Directed Number			Fractional Thinking		
	Solving problems with addition & subtraction	Solving problems with multiplication and division			Fractions & percentages of amounts		Operations and equations with directed number			Addition and subtraction of fractions		
Summer	Lines and Angles						Reasoning with Number					
	Constructing, measuring and using geometric notation			Developing geometric reasoning			Developing number sense		Sets and probability		Prime numbers and proof	

Year 8

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Proportional Reasoning						Representations					
	Ratio and scale	Multiplicative change		Multiplying and dividing fractions		Working in the Cartesian plane			Representing data		Tables & Probability	
Spring	Algebraic Techniques						Developing Number					
	Brackets, equations and inequalities				Sequences	Indices	Fractions and percentages		Standard index form		Number sense	
Summer	Developing Geometry						Reasoning with Data					
	Angles in parallel lines and polygons		Area of trapezia and circles		Line symmetry and reflection		The data handling cycle			Measures of location		

Year 9

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Algebra Notation and Solving		Ratio and Proportion		Averages From lists and a table Estimating the mean		Angles Notation, Parallel lines, Rules/Justify		Percentages		Probability and tree Diagrams		Recap, Exam and Intervention	
Spring	Frequency trees, 2 way tables	Algebra Substitution Inequalities (solving and on a number line) Rearranging			Indices (numerical and Algebraic)	Standard Form	Real Life Graphs (+exchange rates and distance time)	Circles Area/Surface Area		Fractions	Simultaneous Equations	Exam		
Summer	Algebra Expand, Factorise Quadratics Sequences	Venn Diagrams (incl prime factors HCF/LCM)	Gradient Straight Line Graphs		Exam	Graphs (quadratic, cubic, reciprocal)	Pythagoras	Collect and Represent Data						

Topics in bold are the higher group only

Skills to practise throughout each term

Autumn Term	Spring Term	Summer Term
Types of number (factors/multiples/prime/square)	Long Multiplication Division using bus stop	Skills learnt throughout the year that need practising
Order of Operations	Coordinates	
Metric units and conversions	Rounding (nearest 10/100/1000/dp)	
Calculating with and ordering decimals	Estimating	
Dec/Frac/%	Multiply and divide by powers of 10	
	Proof/counterproof (Justify)	

Year 10/11 Foundation

[illegible]

Year 10/11 Higher

[illegible]