

Key Stage 3 Mathematics – Teaching schedule

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Algebraic Thinking <ul style="list-style-type: none"> Sequences Algebraic Notation Equality and Equivalence 	Place Value and proportion <ul style="list-style-type: none"> Place value and Ordering Fraction decimal and percentages equivalence 	Application of Numbers <ul style="list-style-type: none"> Solving problems with addition and subtraction Solving problems with multiplication and division 	Directed number and Fractional thinking <ul style="list-style-type: none"> Fraction and percentage of amount Operation and equation with directed numbers Addition and subtraction fractions 	Lines and Angles <ul style="list-style-type: none"> Constructing, measuring and using geometric notation Developing geometric reasoning 	Reasoning with Numbers <ul style="list-style-type: none"> Developing number sense Sets and probability Prime number and proof
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 8	Proportional Reasoning <ul style="list-style-type: none"> Ratio and Scale Multiplicative change Multiplying and dividing fractions 	Representation <ul style="list-style-type: none"> Working in Cartesian plane Representing data Tables and Probability 	Algebraic Techniques <ul style="list-style-type: none"> Brackets, equations and inequalities Sequences Indices 	Developing Numbers <ul style="list-style-type: none"> Fractions and Percentages Standard form Number sense 	Developing Geometry <ul style="list-style-type: none"> Angles in parallel lines and polygon Area of trapezia and circle Lines of symmetry and reflection 	Reasoning with data <ul style="list-style-type: none"> Data handling Measure of location

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	Reasoning with Algebra <ul style="list-style-type: none"> • Straight line graphs • Forming and solving equations • Testing conjectures 	Constructing in 2D and 3D <ul style="list-style-type: none"> • Three dimensional shapes • Constructions and congruency 	Reasoning with Numbers <ul style="list-style-type: none"> • Numbers • Using percentages • Maths and Money 	Reasoning with Geometry <ul style="list-style-type: none"> • Deduction • Rotation and translation • Pythagoras' theorem 	Reasoning with proportion <ul style="list-style-type: none"> • Enlargement and similarity • Solving ratio and proportion problems • Rates 	Representation and Revision <ul style="list-style-type: none"> • Probability • Algebraic representation