

Mathematics Curriculum Plan KS3

Year	Term	Theta	Delta
Y7	Autumn	Analysing and displaying data	Analysing and displaying data
		Number skills	Number skills
		Expressions, functions and formulae	Equations, functions and formulae
		Decimals and measures	Fractions
	Spring	Fractions	Angles and shapes
		Probability	Decimals
		Ratio and proportion	Equations
	Summer	Lines and angles	Multiplicative reasoning
		Sequences and graphs	Perimeter, area and volume
Transformations		Sequencing and graphs	
Y8	Autumn	Number	Factors and powers
		Area and volume	Working with powers
		Statistics, graphs and charts	2D shapes and 3D solids
		Expressions and equations	Real life graphs
	Spring	Real life graphs	Transformations
		Decimals and ratio	Fractions, decimals and percentages
		Lines and angles	Construction and loci
	Summer	Calculating with fractions	Probability
		Straight line graphs	Scale drawings and measures
Percentages, decimals and fractions		Graphs	
Y9	Autumn	Indices and standard form	Powers and roots
		Expressions and formulae	Quadratics
		Dealing with data	Inequalities, equations and formulae
		Multiplicative reasoning	Collecting and analysing data
	Spring	Constructions	Multiplicative reasoning
		Equations, inequalities and proportionality	Non linear graphs
		Circles, Pythagoras and prisms	Accuracy and measures
	Summer	Sequences and graphs	Graphical solutions
		Probability	Trigonometry
Comparing shapes		Mathematical reasoning	

Mathematics Curriculum Plan KS4

Year	Term	Foundation	Higher
Y10	Autumn	Numbers and the number system	Number
		Algebra	Algebra
		Graphs, tables and charts	Interpreting and representing data
		Fractions and percentages	Fractions, ratio and percentages
		Equations, inequalities and sequences	Angles and trigonometry
	Spring	Angles	Graphs
		Averages and range	Area and volume
		Perimeter, area and volume	Transformations and constructions
		Graphs	Equations and inequalities
		Transformations	Probability
	Summer	Ratio and proportion	Multiplicative reasoning
		Right angled triangles	Similarity and congruence
		Probability	More trigonometry
		Multiplicative Reasoning	Further statistics
		Constructions, loci and bearings	Equations and graphs
Y11	Autumn	Quadratic equations and graphs	Circle theorems
		Perimeter, area and volume 2	Algebra
		Fractions, indices and standard form	Vectors and geometric proof
		Congruence, similarity and vectors	Proportion and graphs
		More algebra	
	Spring	Application of knowledge	Application of knowledge
		Exam practice and revision	Exam practice and revision