

Number
Geometr
Algebra
Probability
Ratio & Proportion
Statistics

	YEAR 10		YEAR 11			
	ALL		FOUNDATION		HIGHER	
Autumn 1	Percentages	Repeated percentage change	Factors, multiples and primes	HCF and LCM	Surds	Calculating with surds
	Surface area and volume	Surface area	Fractions	Fractions and mixed numbers	Algebraic fractions	Rationalising denominators
	Simultaneous equations	Volume	Expressions	Simplifying expressions	Equations	Calculating with algebraic fractions
	Formulae	Linear simultaneous equations	Equations	Solving equations	Equations	Solving quadratic equations
		Rearranging formulae	Angles	Simultaneous equations	Pythagoras' theorem and trigonometry	Simultaneous equations
				Finding unknown angles		Trigonometric ratios and graphs
Autumn 2	Trigonometry	Right-angled trigonometry	Right-angled triangles	Pythagoras' theorem and trigonometry	Pythagoras' theorem and trigonometry	Non right-angled trigonometry
	Constructions	Constructions and loci	Surface area and volume	Surface area	Circle geometry	3D Pythagoras' theorem and trigonometry
	Real-life graphs	Plotting and interpreting real-life graphs	Statistical diagrams	Drawing and interpreting statistical diagrams	Statistical diagrams	Circle theorems
			Probability	Theoretical and experimental probability		Histograms
			Inequalities	Linear inequalities	Probability	Conditional probability
Spring 1	Set notation	Venn diagrams and set notation	Vectors	Vector problems	Inequalities	Linear and quadratic inequalities
	Tree diagrams	Independent and dependent events	Percentages	Percentage change	Functions	Substituting into functions
	Compound measures	Density and pressure	Compound measures	Calculating with compound measures	Transformations	Finding composite and inverse functions
	Ratio	Working with ratios and algebra	Ratio and proportion	Working with ratios and algebra	Iteration	Transforming graphs
			Standard form	Proportion word problems	Algebraic proof	Using iterative formulae
			Standard form (cont)	Standard form	Geometric proof	Writing algebraic proofs
Spring 2	Graphs	Velocity-time graphs	Standard form (cont)	Standard form (cont)	Similarity	Area and volume of similar shapes
	Sequences	Cubic, reciprocal and exponential graphs	Sequences	Arithmetic and geometric sequences	Geometric proof	Vector proofs
	Handling data	Arithmetic and geometric sequences	Linear graphs	Equations of linear graphs	Graphs	Writing geometric proofs
	Proportion	Direct and inverse proportion				Non-linear graphs
				REVISION		REVISION
Summer 1	Transformations	Transforming shapes	Sequences	Quadratic and geometric sequences	REVISION	REVISION
	Rounding	Error intervals	Handling data	Sampling	REVISION	REVISION
	Indices	Index laws	Proportion	Direct and inverse proportion	GCSEs	GCSEs
	Brackets	Expanding and factorising brackets	Transformations	Transforming shapes	GCSEs	GCSEs
			Rounding	Bounds		
			Indices	Index laws		
Summer 2	Handling data and statistical diagrams	Grouped data	Recurring decimals	Fractions and recurring decimals		
		Drawing and interpreting statistical diagrams	Brackets	Expanding and factorising brackets		
	REVISION		Handling data and statistical diagrams	Cumulative frequency graphs		
				Box plots		
			END OF YEAR MOCKS			

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