



	Exam Board	Autumn Term				Spring Term					Summer Term				
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		Algebraic	Place Value	1 Calculation	ns 1	Angles 1		Proportional		Calculations 2		Properties of	Shape 1		
Year 7		Manipulation						Reasoning 1		D: . 1		Number 1			
Key		1	Calculations	Calculation	s in			7. 1.		Directed number			Area of 2D		
stage 3			with powers		2D shap			,	U			Exploring	shapes;		
J		Forming	10	Decimal		Angle facts		fractions and		calculations		properties of	Surface area of		
		expressions;	Standard form			(not including		ratio notation;		including with		factors,	prisms;		
		Substitution;	Ordering,	BIDMAS;		parallel lines		Dividing		fractions,		multiples and	Converting		
		Collecting Like	rounding and		,						mals and in	primes;	units of length,		
		terms;	estimation.	*		polygons		ratio;		cont	ext.	Conjectures	area and		
		Linear			fractions, decimals and percentages.		O .		Arithmetic with fractions.			and counter	volume.		
		sequences.										examples			
				percentage											
		Algebraic	Proportiona	Angles 2	Angles 2 Propo		Grap	ohs 1	Equations		Shape 2	Circles 1	Statistics 1		
Year 8		Manipulatio	l Reasoning		l Rea	asoning			and						
Key		n 2	2	Angles on	3		Rea	l life	Inequalities		Isometri	c Area and	Calculating		
stage 3			Percentage of	parallel lines;			gra	phs;	1		drawing	; circumferen	c and		
stage 5		Index laws;	amounts	Multi-step	Currency conversions; Converting		Dista	ance-		Plans and		d e of circles,	interpreting		
		Expanding	including	angle			time g	raphs;	Forming and solving linear		elevation	s; semi circles	averages and		
		single	using	problems.				graphs			Scale	and quarter	measures of		
		brackets;	multipliers;		units of		of algebraic		equations		drawings a	·	spread;		
		Factorising	Percentage		me	easure;	functions.		and		enlargeme				
		with common	increase and		Con	npound			inequalities;		Volume o		*		
		factors.	decrease;		meas				Represent		prisms.	of cylinders.			
			Simple		Solv				inequalities				charts and		
			interest		probl				on a nun				line graphs.		
			calculations.		invol sca				line ar						
									graphic	ally.					





EMPO	PER	Probability 1	Algebraic	Shape 3	Proportional	Calculations 3	Angles 3	Graphs 2	Shape 4
Year 9			Manipulation		Reasoning 4			Properties of	Reflect shapes
Key		Listing	3	Derive and		Index laws;	Use ruler,	parallel and	in a mirror line
Stage 3		outcomes;		apply	Calculate	Calculations	protractor and	perpendicular	on a coordinate
Jungo		Calculating	Expand,	Pythagoras'	repeated	with standard	compasses to	lines;	grid;
		probabilities	simplify and	theorem;	percentage	form;	complete basic	Plotting	Rotate shapes
		including from	factorise linear		changes;	Surds.	constructions;	quadratic and	around a given
		tables and	and quadratic		Understand		Solve loci	cubic graphs.	point;
		frequency	expressions;		compound		problems.		Translate
		trees;	Simplify		interest and				shapes using
		Applications of	algebraic		depreciation;				column vectors;
		venn diagrams	fractions		Solve				Carry out basic
		to probability.	Form and solve		percentage				vector
			equations in a		change				calculations.
			variety of		calculations in				Enlargement
			contexts;		reverse.				and similar
			Rearrange						shapes
			formulae;						
			Find and use						
			position to						
			term rules for						
			linear and						
			quadratic						
			sequences.						





EMI OF	7.011	Place Value	Proportiona	Equations	Gra	phs 3	Proba	ability	Shape	4	Circles 2	2	Shape 5	Statistics 2
Year 10		2	l Reasoning	and			2	2						
Key			6	Inequalities	Qua	ıdratic,			Trigonometr		Area of		Volume and	Calculating
Stage 4		Rounding to		2		ic and		g the	y in right angled triangles;	ght	circles an	iu į	surface area	averages and measures of
		significant	Compoud			procal	_	ct rule		d	sectors;	: I	of cylinders,	
		figures;	measures;	Factorising		aphs;		ınting;		Calculating	าฮ	cones,	spread from	
		Estimation;	Draw and	quadratics;		Circle geometry; Transformati ons of graphs. Solve linear simultaneous equations		Construct and use probability		Area of triangles using sine;	arc lengths; Area of segments.	· 1	nuramide and	tables; Plot and interpret cumulative
		Error	interpret	Solve	_									
		intervals;	graphs of real	quadratics by										
		Upper and	life scenarios	factorising;				to list	Sine and cosine rule;	Segment	3.			
		lower bounds	including	Quadratic				omes						frequency graphs, box
		of	finding the	formula;				lculate		,				
		calculations;	area under a	Factorise by			proba	bility.	draw bearings.					plots, scatter
		Related	graph. Stratified	completing	grap	hically;							graphs and histograms.	
		calculations	sampling.	the square; Explore									mstograms.	
			Samping.	guadratic										
				inequalities.										
	Pearson	Proportional	Angles 3	Shape	6	6 Algeb		Equat	ions and	Al	lgebraic	Pro	operties of	
Year 11	Edexcel	Reasoning 5	111191000	Jamps		Manipulation		Inequalities 3		Manipulation			umber 2	
Key	GCSE		Circle	Vecto	r	4					5			
stage 4	Mathematics	Problem	Theorems	calculati	ons;			Inequa	alities as				inipulating	
Stage 4	Mathematics	solving with		Geome	tric	Forming and		regions on		Linear,		j	indices;	
		fractions,		proofs v	vith	solving in a		graphs;		quadratic and		Star	ndard form	
		decimals,		vector		variety of							lculations;	
		percentage and		Similarity	y and	contexts;		simul	simultaneous s		sequences;		lculations	
		ratio;		congrue	congruence.		Rearranging		equations.		Iterative		ith surds.	
		Recurring					formulae;			pr	ocesses.			
		decimals;					Algebraic							
		Algebraic					proof;							
		fractions.					ions.							