Curriculum Long Term Planning Overview		Ke	y Stage 3	Subject Area: Maths	:	Academic Year: 2022-23		
Year	Study Modules	Autumn Term 1 Numbers	Autumn Term 2 Calculating	Spring Term 1 Algebraic	Spring Term 2 Calculating	Summer Term 1 Sequences	Summer Term 2 Solving	
Year 7 Set 2	Study Modules	Numbers and The Number System   Identify and use the prime factorisation of a number   Understand and use standard form   Calculating   Calculate with negative numbers   Apply the correct order of operations	Calculate with negative numbers Apply the correct order of operations	Algebraic	Calculating Fractions, Decimals and Percentages Calculate with fractions Calculate with percentages Proportional Reasoning Explore the uses of ratio Investigate the connection between ratio and proportion Solve problems involving	Sequences II Explore sequences	Solving Equations and Inequalities I Explore ways of solving equations Solve two-step equations Solve three-step equations	
					Solve problems involving compound units			

	Understanding	Manipulation	Investigating	

Dick T		Angles
	Understand	Angres
11.1.1.1.1.1	Understand	Desta
Understand	the vocabulary	Develop
the meaning	and notation	knowledge of
of probability	of algebra	angles
Explore	Manipulate	Explore
experiments	algebraic	geometrical
and outcomes	functions	situations
		involving
Develop	Explore	parallel lines
understanding	functions	
of probability	Tarictionio	
or probability	Evaluato	
Soguences I		
Sequences 1	algebraic	
Evelove	Statements	
Explore		
number	Exploring	
sequences	Fractions,	
	Decimals	
Explore	and	
sequences	Percentages	
	Explore links	
	between	
	fractions,	
	decimals and	
	percentages	
	percentageo	
	Calculating	
	Fractions	
	Decimals	
	Deciliais	
	anu	
	Percentages	
	Coloulate 11	
	Calculate with	
	fractions	
	Calculate with	
	percentages	

Open book	Closed book	Open book	Open book	Open book	Closed book
Open book	Closed book	Open book	Open book	Open book	Closed book
end of topic	end of term	end of topic	end of topic	end of topic	end of term
assessment	test	assessment	assessment	assessment	test

Veer	Study	Autumn	Autumn	Spring	Spring	Summer	Summer
rear	Modules	Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
		Algebraic	Solving Equations	Algebraic Proficiency —	Measuring Data	Indices and Roots	Visualising and
			and	Visualising			Constructing
			Inequalities		Investigate	Calculate with	
			II	Plot and	averages	powers and	Explore
			Colvo lincor	Interpret linear		roots	enlargement
				graphs	cxpiore ways	Explore the	or ZD shapes
			the unknown	Plot and	summarising	use of	Use and
			on one side	interpret quadratic	data	standard form	interpret scale drawings
			Solve linear	graphs	Analyse and	Explore the	
			equations with		compare sets	effects of	Use and
			the unknown	Model real	of data	rounding	interpret
Mara			on both sides	situations	Indices and	Algebraic	bearings
Year	Study		Explore	araphs	Roots	Algebraic	Explore ways
8	Modules		connections	9.40.10			of
Set 2	liteates		between	Presentation	Calculate with		representing
			graphs and	of Data	powers and		3D shapes
			equations		roots		
				Explore types	Evoloro the		
				OI Udla	use of		
				Construct and	standard form		
				interpret	European the		
				graphs	Explore the		
				Select	rounding		
				appropriate			
				graphs and			
				charts			

	Manipulation	Understanding		Manipulation III	

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Understand		Understand
the notation of	Explore	equations and
algebra	experiments	identities
aigesia	and outcomes	
Maninulata	and outcomes	Maniaulata
Manipulate		Manipulate
algebraic	Develop	algebraic
expressions	understanding	expressions
	of probability	
Evaluate	, ,	Construct
algebraic	Lise probability	algebraic
algebraic	to make	statements
Statements	to make	statements
	predictions	
Calculating		Visualising
Space		and
		Constructing
Investigate		
sireles		Evolore
Circles		
		enlargement
Discover pi		of 2D shapes
Solve		Use and
nrohlems		interpret scale
involving		drawings
		urawings
Circles		
		Use and
Explore prisms		interpret
and cylinders		bearings
		Explore ways
		cf
		representing
		3D shapes

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Open book	Closed book	Open book	Open book	Open book	Closed book
end of topic	end of term	end of topic	end of topic	end of topic	end of term
assessment	test	assessment	assessment	assessment	test
assessment	test	assessment	assessment	assessment	

