Year 7 Westbourne Curriculum Plan - Maths Delta

Timescale	Autumn		Sp	ring	Summer	
Prior Learning (from KS2)	KS2: Basic Fraction, Decimal and Percentage Conversions. KS2: Fraction, Decimal, Percentage Equivalence. KS2: Comparing and Ordering Fractions, including those >1.	KS2: Written and Mental Strategies of Multiplication and Division. KS2: Place Value. KS2: Understanding of Negative Numbers and Place Value. KS2: Identifying Factors, Multiples and Primes	KS2: Basic Algebra Skills including Simple Formulae and Equations. KS2: Inverse Operations KS2: Area & Volume of basic shapes	KS2: Language of Probability. KS2: Representation of graphs KS2: Basic Averages	KS2: Simple ratio and proportion.	KS2: Basic Angle Facts. KS2 : Simple transformations
	Fractions & Decimals	Percentages, Place	Solving equations,	Constructions,	Real life graphs,	Transformations &
		Value and numbers,	Area & Volume of	Probability,	Conversions & Ratio	Angles
		Indices & algebraic	shapes	Representing Data &		
Topic/ Unit title		expressions		Averages		
Assessment Opportunities	Each block is assessed by an orange book assessment. Each term is assessed using an end of term test. The whole year is assessed using an end of year test.					
Links to other units in KS4.	KS4: Multiplying and Dividing Fractions. KS4: Fractions and Percentages of an Amount.	KS4: Application of Numbers using Standard Form. KS4: Converting between Recurring Decimals and Fractions. KS4: Problem Solving involving FDP Equivalence. KS4: Manipulating Algebraic Expressions.	KS4: Calculating Perimeter and Area of 2D shapes. KS4: Problem solving using volume KS4: Solving Algebraic Equations. KS4: Algebraic Proof	KS4: Secured Skills needed for the Foundation GCSE. KS4: Probability from Two-Way Tables. KS4: Dependent and Conditional Probability Trees KS4: Calculating Averages	KS4: Simplifying Ratios KS4: Secured Skills needed for the Foundation GCSE	KS4: Angles in Parallel Lines and Polygons. KS3: Bearings. KS4: Solving Angle Problems involving Algebra.

Year 7 Westbourne Curriculum Plan - Maths Pi

Timescale	Autumn		Spring		Summer	
		KS2: Simple ratio and	KS2: Decimals.	KS2: Properties of shape.	KS2: Patterns and sequences	KS2: Language of
		proportion.	KS2: Basic Angle Facts.	KS2:Volume of basic shapes		Probability.
Prior Learning	KS2: Written and Mental		KS2: Area of basic shapes		KS2: Basic Fraction, Decimal	
(from KS2)	Strategies of Addition and	KS2: Basic Averages		KS2 : Simple transformations	and Percentage Conversions.	KS2: Basic Circle Facts.
	Subtraction.	KC2, Dasia Algebra Skills			KS2: Fraction, Decimal,	
	KS2: Written and Mental	KS2: Basic Algebra Skills			VS2: Comparing and Ordering	KS2: Pasic Algobra Skills
	Division	Equations			Fractions including those >1	KSZ. Basic Algebra Skills
	KS2: Place Value	Equations.			Tractions, including those >1.	
	KS2: Understanding of	KS2: Inverse Operations				
	Negative Numbers and Place					
	Value.					
	KS2: Identifying Factors,					
	Multiples and Primes					
	Four operations,	Ratio, Averages &	Decimals, Angles	Properties of shape,	Sequences,	Probability, Circles
	BIDMAS & Number	Solving equations	and Area	Volume, Coordinates	Fractions &	& algebraic
	Properties			HCF & LCM &	Percentages	expressions
Topic/ Unit title				Transformations		
Assessment	Each block is assessed by an orange book assessment.					
	Each term is assessed using an end of term test.					
Opportunities	The whole year is assessed using an end of year test.					
		KS4: Simplifying Ratios			KS4: Nth term of sequences	KS4: Probability from Two-
Links to other units in	KS4: Application of Numbers	KS4: Secured Skills needed for	KS4: Angles in Parallel Lines		KS4: Multiplying and Dividing	Way Tables.
	using Standard Form.	the Foundation GCSE	and Polygons.	KS4: Finding volume of shapes	Fractions.	KS4: Dependent and
KS4.	RS4: Converting Detween	KSA: Maninulating Algobraic	KS3: Bearings.	KS4: Transformations of snapes	RS4: Fractions and	
	Fractions	Fxpressions	involving Algebra		KS4: Problem Solving	ilees
	Tractions.	KS4: Solving Algebraic	KS4: Calculating Perimeter and		involving FDP Equivalence.	
		Equations.	Area of 2D shapes.			
			KS4: Calculating Averages			

Year 7 Westbourne	Curriculum Pla	n - Maths Theta
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Timescale	Autumn		Spring		Summer	
Prior Learning	KS2: Decimals. KS2: Written and Mental Strategies of Addition and	KS2: Area & Volume of basic shapes	KS2: Basic Algebra Skills including Simple Formulae and	KS2: Basic Angle Facts. KS2: Basic shape facts	KS2: Simple ratio and proportion KS2: Basic Fraction, Decimal	KS2: Language of Probability.
(from KS2)	Subtraction. KS2: Written and Mental Strategies of Multiplication and Division.	KS2: Basic Averages KS2: Properties of shape. KS2:Volume of basic shapes	Equations. KS2: Inverse Operations		And Percentage Conversions. KS2: Fraction, Decimal, Percentage Equivalence. KS2: Comparing and Ordering Eractions, including those 51	KS2: Basic Circle Facts.
	KS2: Place Value. KS2: Understanding of Negative Numbers and Place Value. KS2: Identifying Factors, Multiples and Primes		KSZ. Patterns and sequences		Fractions, including those >1.	
	Four Operations,	Area & Volume of	Algebraic	Linear graphs,	Fractions,	Circles, Probability
	Properties of	shapes, Averages &	expressions, Solving	Angles, Similar	Percentages & ratio	and Loci
	number, Decimals &	Representing Data	equations,	shapes & Pythagoras		
Topic/ Unit title	HCF & LCM		Sequences & Real			
			life graphs			
Assessment Opportunities	Each block is assessed by an orange book assessment. Each term is assessed using an end of term test. The whole year is assessed using an end of year test.					
	KS4: Application of Numbers	KS4: Secured Skills needed for the Foundation GCSE	KS4: Nth term of sequences	KS4: Angles in Parallel Lines and	KS4: Simplifying Ratios	KS4: Probability from Two- Way Tables
Links to other units in	using Standard Form.		KS4: Manipulating Algebraic	Polygons.	KS4: Multiplying and Dividing	KS4: Dependent and
KS4.	KS4: Converting between	KS4: Calculating Perimeter and	Expressions.	KS3: Bearings.	Fractions.	Conditional Probability
	Fractions.	KS4: Calculating Averages	Equations.	involving Algebra. KS4: Pythagoras & Trigonometry	Percentages of an Amount. KS4: Problem Solving	KS4: Circle Theorems
		KS4: Finding volume of shapes		problems	involving FDP Equivalence.	