

## CYCLE B

Class 4 Y5&6		Autumn	Spring	Summer	
<b>CURRICULUM INTENT - SPIRITUALITY, ENVIRONMENT, POSSIBILITY &amp; INITIATIVE</b>					
		Black History Month - October Enterprise week for Christmas Fayre	Book Week - World Book Day STEM week	Arts week Multicultural week	
<b>RE</b>		Branch 1 - Creation and Covenant Branch 2 - Prophecy and Promise	Branch 3 - Galilee to Jerusalem Branch 4 - Desert to Garden	Branch 5 - To the ends of the Earth Branch 6 - Dialogue and Encounter	
<b>English</b>	Texts	<i>Goodnight, Mister Tom</i> <i>Freedom Bird</i> <i>Clockwork</i> <i>Rhythm &amp; Poetry</i>	<i>Floodland</i> <i>Hidden Figures</i> <i>Shackleton</i> <i>Overheard in a Tower Block</i>	<i>The Adventures of Odysseus</i> <i>The Journey</i> <i>Phoenix</i>	
	Spelling	<b>Jane Considine Spelling Programme</b> To spell words from the Y5&6 spelling list (NC)			
	Reading	<b>Decoding</b> To apply growing knowledge of root words and prefixes and suffixes	<b>Prosody/fluency</b> Across a range of texts and genres: - read with expression and awareness of the listener/audience - vary the volume and tone of reading to match the text	<b>Comprehension</b> Across a range of texts and genres: - Apply the range of reading strategies to different reading tasks or circumstances	
		To read words from the Y5&6 spelling list (NC)			
<b>Maths</b>	Number	Place value to 7 and 8 digit numbers. 4 operations Count forwards and backwards in powers of 10 and through 0 to include negative numbers. Count between whole numbers with scales split into parts - linking it to	Four operations Solve problems involving all four operations, including knowing the order of operations and how to interpret remainders Fractions: Mixed numbers, add and subtract, multiply and divide, convert between fractions and decimals, non-unit fractions of amounts	Four operations Solve problems involving all four operations, including knowing the order of operations and how to interpret remainders Fractions: solve problems involving all four operations. Decimals: recognise up to 3 decimal places,	

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		<p>decimals, fractions and percentages. Round any number Interpret and calculate with negative numbers Read Roman numerals to 1000 know and use the vocabulary of prime numbers, prime factors, multiples, factor pairs, common factors and composite (non-prime) numbers and solve problems involving them. Recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>) Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 Fractions: compare and order, simplify, mixed numbers, improper fractions</p>	<p>Decimals: round, add and subtract Ratio and proportion: scale factors, percentages Algebra: Missing number problems, possibilities with 3 variables</p>	<p>multiply and divide by 10, 100, 1000, multiply, equivalences with fractions and percentages Percentages Solve problems with fractions, decimals and percentages Ratio and proportion: missing values, multiplication and division, percentages, comparison, unequal sharing Algebra, simple formulae, linear number sequences,</p>
	Measurement	<p>Convert between metric measurements Solve measurement problems: decimal notation up to 3 decimal places, rounding, converting, all 4 operations. Convert between metric and imperial measurements</p>	<p>Area, perimeter, volume: calculate, compare, solve problems with, estimate</p>	<p>Solve problems involving: time, money, length, mass, volume, scaling Area of parallelograms and triangles</p>
	Shape	<p>Identify 3-D shapes from 2-D representations Co-ordinates: four quadrants, reflect and translate shapes, plot points, draw a given shape following coordinate instructions.</p>	<p>Draw 2-D shapes from given measurements and angles Angles: estimate, compare, acute, obtuse, right, reflex, measure, draw, find any unknown angle in triangles, quadrilaterals and regular polygons, Solve problems involving opposite, adjacent and straight line angles</p>	<p>Circles: circumference, diameter, radius and solve problems involving these.</p>

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	Statistics	Interpret and present data using bar charts, pictograms and tables and solve multi-step problems involving these.		Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables		Interpret and construct pie charts and line graphs and use these to solve problems  calculate and interpret the mean as an average		
	Times Tables	Focussing on those the children are not yet secure on		Revisiting all times tables including inverse facts		Revisiting all times tables including inverse facts		
Science	Properties & changes of materials	Forces		Properties & changes of materials	Forces		Properties & changes of materials	Forces
	Earth & Space	Living things and their habitats		Earth & Space	Living things and their habitats		Earth & Space	Living things and their habitats
	Animals including humans			Animals including humans			Animals including humans	
History	Ancient Egypt <i>*Remembrance - The Battle of the Somme</i>				WWII - Battle of Britain			
Geography			East Anglian Coastline Biomes					
					North America			
Design Technology	Mechanical Systems: pop-up book		Food: Developing a recipe		Digital: Electric Doodlers			
Art & Design	Drawing: I need space		Painting & Mixed Media: portraits		Sculpture and 3D: Interactive installation			

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<b>Music</b>	Composition/Notation	Blues and South and West Africa	Composition to represent the festival of colour
<b>Computing</b>	Search engines  Mars Rover 1	Stop motion animation	Programming music  Online safety
<b>PE</b>	Real PE - Personal and Creative Get Set - Tennis and Hockey	Real PE - Social and Physical Real PE - Gym Real PE - Leaders	Real PE - Health/Fitness Get Set - Athletics Swimming
<b>MFL</b>	Phonics The Date At the tea room/Cafe/restaurant	Do you have a pet? Clothes	At School Healthy Living