

## CYCLE B

Oak Y5&6		Autumn	Spring	Summer				
RE		<ul style="list-style-type: none"> <li>Branch 1 - Creation and Covenant</li> <li>Branch 2 - Prophecy and Promise</li> </ul>	<ul style="list-style-type: none"> <li>Branch 3 - Galilee to Jerusalem</li> <li>Branch 4 - Desert to Garden</li> </ul>	<ul style="list-style-type: none"> <li>Branch 5 - To the ends of the Earth</li> <li>Branch 6 - Dialogue and Encounter</li> </ul>				
English	Texts	<ul style="list-style-type: none"> <li>Goodnight, Mister Tom</li> <li>Hidden Figures</li> <li>Shackleton</li> <li>Freedom Bird</li> </ul>	<ul style="list-style-type: none"> <li>Clockwork</li> <li>Floodland</li> </ul>	<ul style="list-style-type: none"> <li>The Adventures of Odysseus</li> <li>Rhythm &amp; Poetry</li> </ul>				
	Spelling	<p><b>Spelling Shed</b> To spell words from the Y5&amp;6 spelling list (NC)</p>						
	Reading	<p><b>Across the year:</b></p> <table border="1"> <tr> <td> <p><b>Decoding</b></p> <ul style="list-style-type: none"> <li>To apply growing knowledge of root words and prefixes and suffixes</li> </ul> </td> <td> <p><b>Prosody/fluency</b></p> <p>Across a range of texts and genres:</p> <ul style="list-style-type: none"> <li>read with expression and awareness of the listener/audience</li> <li>vary the volume and tone of reading to match the text</li> </ul> </td> <td> <p><b>Comprehension</b></p> <p>Across a range of texts and genres:</p> <ul style="list-style-type: none"> <li>Apply the range of reading strategies to different reading tasks or circumstances</li> </ul> </td> </tr> </table>				<p><b>Decoding</b></p> <ul style="list-style-type: none"> <li>To apply growing knowledge of root words and prefixes and suffixes</li> </ul>	<p><b>Prosody/fluency</b></p> <p>Across a range of texts and genres:</p> <ul style="list-style-type: none"> <li>read with expression and awareness of the listener/audience</li> <li>vary the volume and tone of reading to match the text</li> </ul>	<p><b>Comprehension</b></p> <p>Across a range of texts and genres:</p> <ul style="list-style-type: none"> <li>Apply the range of reading strategies to different reading tasks or circumstances</li> </ul>
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To read words from the Y5&6 spelling list (NC)								
	Writing	Narrative Letters Recount Persuasion Poetry News article	News article Settings Narrative Characters Explanations	Flashback narrative Action sequences Recount Poetry Biography				
Maths	Number	<ul style="list-style-type: none"> <li>Place value to 7 and 8 digit numbers.</li> <li>4 operations</li> <li>Count forwards and backwards in</li> </ul>	<ul style="list-style-type: none"> <li>Four operations</li> <li>Solve problems involving all four operations, including knowing the order of operations and</li> </ul>	<ul style="list-style-type: none"> <li>Four operations</li> <li>Solve problems involving all four operations, including knowing the order</li> </ul>				

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		<p>powers of 10 and through 0 to include negative numbers.</p> <ul style="list-style-type: none"> <li>Count between whole numbers with scales split into parts - linking it to decimals, fractions and percentages.</li> <li>Round any number</li> <li>Interpret and calculate with negative numbers</li> <li>Read Roman numerals to 1000</li> <li>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.</li> <li>Recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>)</li> <li>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000</li> <li>Fractions: compare and order, simplify, mixed numbers, improper fractions</li> </ul>	<p>how to interpret remainders</p> <ul style="list-style-type: none"> <li>Fractions: Mixed numbers, add and subtract, multiply and divide, convert between fractions and decimals, non-unit fractions of amounts</li> <li>Decimals: round, add and subtract</li> <li>Ratio and proportion: scale factors, percentages</li> <li>Algebra: Missing number problems, possibilities with 3 variables</li> </ul>	<p>of operations and how to interpret remainders</p> <ul style="list-style-type: none"> <li>Fractions: solve problems involving all four operations.</li> <li>Decimals: recognise up to 3 decimal places, multiply and divide by 10, 100, 1000, multiply, equivalences with fractions and percentages</li> <li>Percentages</li> <li>Solve problems with fractions, decimals and percentages</li> <li>Ratio and proportion: missing values, multiplication and division, percentages, comparison, unequal sharing</li> <li>Algebra, simple formulae, linear number sequences,</li> </ul>
	Measurement	<ul style="list-style-type: none"> <li>Convert between metric measurements</li> <li>Solve measurement problems: decimal notation up to 3 decimal places, rounding, converting, all 4 operations.</li> <li>Convert between metric and imperial measurements</li> </ul>	<ul style="list-style-type: none"> <li>Area, perimeter, volume: calculate, compare, solve problems with, estimate</li> </ul>	<ul style="list-style-type: none"> <li>Solve problems involving: time, money, length, mass, volume, scaling</li> <li>Area of parallelograms and triangles</li> </ul>
	Shape	<ul style="list-style-type: none"> <li>Identify 3-D shapes from 2-D representations</li> </ul>	<ul style="list-style-type: none"> <li>Draw 2-D shapes from given measurements and angles</li> </ul>	<ul style="list-style-type: none"> <li>Circles: circumference, diameter, radius and solve problems involving these.</li> </ul>

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		<ul style="list-style-type: none"> <li>Co-ordinates: four quadrants, reflect and translate shapes, plot points, draw a given shape following coordinate instructions.</li> </ul>	<ul style="list-style-type: none"> <li>Angles: estimate, compare, acute, obtuse, right, reflex, measure, draw, find any unknown angle in triangles, quadrilaterals and regular polygons,</li> <li>Solve problems involving opposite, adjacent and straight line angles</li> </ul>		
	Statistics	<ul style="list-style-type: none"> <li>Interpret and present data using bar charts, pictograms and tables and solve multi-step problems involving these.</li> </ul>	<ul style="list-style-type: none"> <li>Solve comparison, sum and difference problems using information presented in a line graph</li> <li>Complete, read and interpret information in tables, including timetables</li> </ul>	<ul style="list-style-type: none"> <li>Interpret and construct pie charts and line graphs and use these to solve problems</li> <li>calculate and interpret the mean as an average</li> </ul>	
	Times Tables	<ul style="list-style-type: none"> <li>Focussing on those the children are not yet secure on</li> </ul>	<ul style="list-style-type: none"> <li>Revisiting all times tables including inverse facts</li> </ul>	<ul style="list-style-type: none"> <li>Revisiting all times tables including inverse facts</li> </ul>	
<b>Science</b>	Earth & Space	Properties & changes of materials	Forces	Living things and their habitats	Animals including humans
<b>History</b>	Ancient Egypt <i>*Remembrance - The Battle of the Somme</i>			WWII - Battle of Britain	
<b>Geography</b>			East Anglian Coastline Biomes		
			North America		
<b>Design Technology</b>	Mechanisms/Systems		Digital world		Cooking and nutrition
<b>Art &amp; Design</b>	Drawing		Printing		Painting

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<b>Music</b>	Composition/Notation		Blues and South and West Africa		Composition to represent the festival of colour Composing and performing a leavers song	
<b>Computing</b> *recurring throughout the year	Online safety* Computer systems and networks: search engines		Programming 1: Music		Data handling 1: Big data 1 Data handling 2: Big data 2	
<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	
<b>PSHE</b>	Module 1 Created and Loved by God U1	Module 1 Created and Loved by God U2	Module 1 Created and Loved by God U3	Module 1 Created and Loved by God U4		Module 2 Created to Love Others U1