

Maths Long Term Plan Year 5

Term 1a	<p style="text-align: center;"><u>Number - Place Value</u> Interleaving/retrieval Opportunities: money (Y4)</p>	<p style="text-align: center;"><u>Number - Addition and Subtraction</u> Spend more time on problem solving and estimating and approximating. Interleaving/retrieval Opportunities: value of digits when adding and subtracting. Totalling amounts of money. Adding meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2 and 3) Rounding to approximate and estimate answers.</p>	<p style="text-align: center;"><u>Statistics</u> Many of this is repeated curriculum for Y3. Interleaving/retrieval Opportunities: Timetables when forming a scale and totalling data. Links with negative numbers. Measure - data that can link to kilograms for example or distance travelled (kilometres). Time - links to time tables.</p>
Term 1b	<p style="text-align: center;"><u>Number - Multiplication and Division</u> Interleaving/retrieval Opportunities: Value of digits. Multiplying meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2 and 3) when problem solving.</p>		<p style="text-align: center;"><u>Measure - Area and Perimeter</u> Interleaving/retrieval Opportunities: Increase the numbers. Addition and multiplication (subtraction and division - finding missing values). Simple conversions link to place value grid and multiplication and division by 10 and 100.</p>
Additional 5 a Day Focus	<p style="text-align: center;"><u>Rounding</u> <u>Roman Numerals</u> <u>Negative numbers</u> <u>4 written operations</u></p>	<p style="text-align: center;"><u>Rounding</u> <u>Roman Numerals</u> <u>Negative numbers</u> <u>4 written operations</u></p>	
Term 2a	<p style="text-align: center;"><u>Number - Fractions</u> Interleaving/retrieval Opportunities: Number line work Division and number facts (multiplication) Meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2 and 3) when problem solving - finding $\frac{1}{4}$ of 400ml.</p>		
Term 2b	<p style="text-align: center;"><u>Geometry - Position and Direction</u> Interleaving/retrieval Opportunities: Shape from Y2, 3 and 4 with moving and lines of symmetry.</p>	<p style="text-align: center;"><u>Number - Decimals</u> Interleaving/retrieval Opportunities: Include all measures including money.</p>	<p style="text-align: center;"><u>Number - Decimals and Percentages</u> Spend longer on number lines. Interleaving/retrieval Opportunities: Money</p>

				Measure
Additional 5 a Day Focus	<u>Measure</u> <u>Rounding</u> <u>Fraction, decimal, percentage equivalence</u>		<u>Measure</u> <u>Rounding</u> <u>Fraction, decimal, percentage equivalence</u>	
Term 3a	<u>Geometry: Properties of Shape</u> Spend more time on vocabulary and properties of shape - we have allowed for this in the long term plan. Interleaving/retrieval Opportunities: Turning shapes (9 timetables). Fractions and position and direction for turns. Language. Addition and subtraction.		<u>Measurement - Converting Units</u> Interleaving/retrieval Opportunities: Multiplying and dividing by 10, 100 and 1000 in a place value grid.	<u>Measurement:</u> <u>Volume</u> Interleaving/retrieval Opportunities: Link with multiplication (GDS)
Term 3b	<u>Spill over time for any concepts that you needed to spend longer on</u>		<u>Focus on 4 Operations - Reasoning Focus</u>	

Language needs to be interleaved across the Maths curriculum where appropriate.