

## Maths Long Term Plan Year 4

<b>Term 1a</b>	<p style="text-align: center;"><b><u>Number - Place Value</u></b> Interleaving/retrieval Opportunities: money (Y3)</p>		<p style="text-align: center;"><b><u>Number- Addition and Subtraction</u></b> 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)</p>	
<b>Term 1b</b>	<p style="text-align: center;"><b><u>Number- Addition and Subtraction</u></b> Interleaving/retrieval Opportunities: Adding meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2 and 3)</p>	<p style="text-align: center;"><b><u>Number - Multiplication and Division</u></b> Interleaving/retrieval Opportunities: Value of digits. Adding meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2) when problem solving.</p>		<p style="text-align: center;"><b><u>Geometry - Position and Direction (Christmas themed)</u></b></p>
<b>Additional 5 a Day Focus</b>	<p style="text-align: center;"><b><u>Time: O'clock and half past - analogue and digital quarter to, quarter past - analogue and digital</u></b></p>		<p style="text-align: center;"><b><u>Time: Time: Five minute intervals (past) - analogue and digital Five minute intervals (to) - analogue and digital Rounding</u></b></p>	
<b>Term 2a</b>	<p style="text-align: center;"><b><u>Number - Multiplication and Division</u></b> Interleaving/retrieval Opportunities: Value of digits. Adding meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y2) when problem solving.</p>	<p style="text-align: center;"><b><u>Measure - Length and Perimeter</u></b> Interleaving/retrieval Opportunities: Increase the numbers to force children to use written addition strategies. Simple conversions in multiples of 10 and 100 - link to place value grid and multiplication and division by 10 and 100.</p>	<p style="text-align: center;"><b><u>Number - Fractions</u></b> 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 <math>\frac{3}{4}</math> of 400ml.</p>	
<b>Term 2b</b>	<p style="text-align: center;"><b><u>Measurement - Area</u></b> Interleaving/retrieval Opportunities: Increase the number to force them to use written multiplication for GDS.</p>	<p style="text-align: center;"><b><u>Number - Decimals</u></b> Spend longer on number lines. Interleaving/retrieval Opportunities: Money Measure</p>		

Additional 5 a Day Focus	<u>Rounding</u> <u>Negative numbers</u> <u>Roman Numerals</u> <u>Measure - converting between units (Y3)</u>		<u>Rounding</u> <u>Negative numbers</u> <u>Roman Numerals</u> <u>Measure - converting between units (Y3)</u>	
Term 3a	<u>Measure - Money</u> Interleaving/retrieval Opportunities: All 4 operations. Links to decimal notation. Hundredths - metres and centimetres.	<u>Statistics</u> Interleaving/retrieval Opportunities: Timetables when forming a scale and totalling data. Links with negative numbers - difference in temperatures for example. Measure - data that can link to kilograms for example or distance travelled (kilometres).	<u>Measure - Time</u> Use your 5 a day that you have planned throughout the year to ensure that you can teach Y3 curriculum and spend less time focussing on Y2 curriculum. Interleaving/retrieval Opportunities: 5 times tables. Number bonds to 60. Conversion links with timetables and division.	
Term 3b	<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.	<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.