

## Maths Long Term Plan Year 6

<b>Term 1a</b>	<b>Number - Place Value</b> Interleaving/retrieval Opportunities: money/decimals (Y4/5), negative numbers, <b>Number lines placing/identifying</b>		<b>Number - Addition and Subtraction, Multiplication and Division</b> Interleaving/retrieval Opportunities: value of digits when adding and subtracting. Totalling amounts of <b>money</b> . Using measure in problems meters, centimetres, kilometres, grams, kilograms, millilitres and litres (Y5) Rounding to approximate and estimate answers.	
<b>Term 1b</b>	<b>Number - Fractions</b> Interleaving/retrieval Opportunities: <b>Number line work Bar models</b> Division and number facts (multiplication) Find amounts/wholes of measure; m, cm, km, g, kg, ml, L (Y5) when problem solving - finding $\frac{1}{4}$ of 400ml.		<b>Number - Decimals</b> Interleaving/retrieval Opportunities: <b>Number line work Bar models</b> Division and number facts (multiplication) Fractions link Find amounts/wholes of measure; m, cm, km, g, kg, ml, L (Y5) when problem solving - finding $\frac{1}{4}$ of 2L	
<b>Additional 5 a Day Focus</b>	<u>Rounding, inc decimals</u> <u>Roman Numerals</u> <u>Negative numbers (operators)</u> <u>4 written operations</u>		<u>Rounding, inc decimals</u> <u>Roman Numerals</u> <u>Negative numbers (operators)</u> <u>4 written operations</u>	
<b>Term 2a</b>	<b>Number - Percentages</b> Interleaving/retrieval Opportunities: Number line work Bar models Fractions/decimals link Division/multiplication deriving facts Find amounts/wholes of measure; m, cm, km, g, kg, ml, L (Y5) when problem solving - finding 30% of 400ml.		<b>Number - Ratio</b> Interleaving/retrieval Opportunities: Number line work Bar models Fractions/decimals link Division/multiplication deriving facts Find amounts/wholes of measure; m, cm, km, g, kg, ml, L (Y5) when problem solving	<b>Number - Algebra</b> Interleaving/retrieval Opportunities: <b>Bar models</b> Perimeter Area
<b>Term 2b</b>	<b>Measurement - converting units</b> Interleaving/retrieval Opportunities: <b>Fractions/percentage/ratio</b> <b>4 operations</b>	<b>Measurement - perimeter, area and volume</b> Interleaving/retrieval Opportunities: Algebra - missing values Converting units (multi-step prob's)	<b>Statistics</b> Interleaving/retrieval Opportunities: measure	<b>Geometry - properties of shapes</b> Interleaving/retrieval Opportunities: Algebra - missing angles
<b>Term 3a</b>	<u>Revision/consolidation</u>		<u>SATs</u>	<u>Preparing for Year 7 - Multiplication/fractions/ratio/percentages</u> Bakery project
<b>Term 3b</b>	<u>Preparing for Year 7 - Algebra more work</u> Links with Regents Park		<u>Preparing for Year 7 - Multiplication/fractions/ratio/problem-solving</u> Links with Regents Park	