

## Maths Scheme of Work

### KS2 Long Term Plan

	<b>Problem Solving</b>	<b>Number</b>	<b>Measure</b>	<b>Shape and Space</b>
<b>Year 3</b>	Counting problems <ul style="list-style-type: none"> <li>• Solve simple problems in a practical context</li> </ul>	The count to 5 <ul style="list-style-type: none"> <li>• Count a group of objects</li> <li>• Make marks to record the number</li> </ul>	Capacity <ul style="list-style-type: none"> <li>• Full / empty</li> <li>• Make comparisons</li> <li>• Use enough/not enough in practical context</li> </ul> Time <ul style="list-style-type: none"> <li>• Days of the week</li> <li>• Sequence of the day</li> </ul>	2D shapes <ul style="list-style-type: none"> <li>• Naming</li> <li>• Making patterns</li> </ul> 3D shapes <ul style="list-style-type: none"> <li>• Naming</li> <li>• Building</li> </ul>
<b>Year 4</b>	Estimation <ul style="list-style-type: none"> <li>• Number – guess how many</li> <li>• ‘Are there enough?’ questions</li> </ul>	The count to 5 <ul style="list-style-type: none"> <li>• Introduce zero</li> <li>• Use ordinal numbers in a practical context</li> </ul> Money <ul style="list-style-type: none"> <li>• Distinguish coins – 1p, £1</li> </ul>	Length <ul style="list-style-type: none"> <li>• Review long/short/tall</li> <li>• Compare using own unit of measure</li> </ul> Time <ul style="list-style-type: none"> <li>• Sequence events in the day</li> <li>• Match o’clock to events</li> </ul>	3D shapes - naming 2D shapes <ul style="list-style-type: none"> <li>• Use shapes to make pictures</li> <li>• Make patterns with three or more elements</li> </ul> Words to describe position or movement
<b>Year 5</b>	Use tables / Lists <ul style="list-style-type: none"> <li>• Solve problems e.g. how many cubes can you hold in one hand?</li> </ul>	The count to 10 and above <ul style="list-style-type: none"> <li>• Verbal sequence</li> <li>• Visual sequence</li> </ul> Calculations to 5 <ul style="list-style-type: none"> <li>• Add 1</li> </ul> Money <ul style="list-style-type: none"> <li>• Add £1, 1p</li> </ul>	Mass <ul style="list-style-type: none"> <li>• Heavy / light</li> <li>• Introduce kilo</li> </ul> Time <ul style="list-style-type: none"> <li>• Introduce clock</li> <li>• Awareness of duration of time</li> </ul>	Sort 2D / 3D shapes according to properties Relate 3D shapes to pictures Symmetrical patterns
<b>Year 6</b>	Use block graphs Test a hypothesis	The count to 10 and above Calculations <ul style="list-style-type: none"> <li>• Add 1</li> <li>• Take away 1</li> </ul> Money <ul style="list-style-type: none"> <li>• Value of coins</li> <li>• Order amounts 10p/£10</li> <li>• Take away 1p / £1</li> </ul>	Length <ul style="list-style-type: none"> <li>• Standard measures – metre and centimetre</li> </ul> Time <ul style="list-style-type: none"> <li>• Hour and minute</li> </ul>	3D models – recording shapes used Make 2D shapes