

Mathematics Programmes of Study						
Key Aims:						
<ul style="list-style-type: none"> <li>• Become <b>fluent</b> in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils have conceptual understanding and are able to recall and apply their knowledge rapidly and accurately to problems.</li> <li>• <b>Reason mathematically</b> by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language.</li> <li>• <b>Solve problems</b> by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.</li> </ul>						
	Key Stage 1		Lower Key Stage 2		Upper Key Stage 2	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	✓	✓	✓	✓	✓	✓
Addition and subtraction	✓	✓	✓	✓	✓	✓
Multiplication and division	✓	✓	✓	✓	✓	✓
Fractions	✓	✓	✓	✓	✓	✓
Decimals and fractions				✓	✓	✓
Percentages, decimals, fractions					✓	✓
Ration and proportion						✓
Algebra						✓
Measurement	✓	✓	✓	✓	✓	✓
Geometry: properties of shape	✓	✓	✓	✓	✓	✓
Geometry: position	✓	✓	✓	✓	✓	✓
Statistics		✓	✓	✓	✓	✓