



## Maths Medium Term Plan

### Year Group 4

#### Autumn 2

**Enquiry Question: What did the Romans do for us?**

<b>Relationships Education</b>	Family and friends	Say no to bullying
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	<b>Curious</b>	<b>Confident</b>	<b>Creative</b>
<b>Equalities and Diversity link/Questions: girls confidence in maths</b>			
	<b>Block 1 (3 weeks)</b>	<b>Block 2 (4 weeks)</b>	
<b>Foci</b>	<ul style="list-style-type: none"> <li><b>Addition and subtraction</b></li> </ul>	<b>Multiplication and Division</b>	
<b>White Rose Maths Small Steps</b>	<ul style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s and 1000s</li> <li>Add two four digit numbers with and without exchanging</li> <li>Subtract two four digit numbers with and without exchanging.</li> <li>Efficient methods of subtraction</li> <li>Estimating answers</li> <li>Checking strategies</li> <li>Addition and subtraction one and two step word problems and reasoning (including missing numbers)</li> <li>Use singapore bar model to check answers</li> </ul>	<ul style="list-style-type: none"> <li>Multiply 3 one digit numbers</li> <li>Multiplication word problems</li> <li>Factor pairs</li> <li>Multiply a number by one and itself</li> <li>Formal methods of multiplication (grid moving to compact vertical method)</li> <li>Missing number problems</li> <li>Revise repeated addition and repeated subtraction to solve division calculations</li> <li>Formal methods of division (chunking on a number line)</li> <li>Divide a number by 1</li> </ul>	

<b>National Curriculum Link</b>	<p>Pupils should be taught to:</p> <p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</p> <p>Estimate and use inverse operations to check answers to a calculation</p> <p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p>	<p>Pupils should be taught to:</p> <p>Recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers recognise and use factor pairs and commutativity in mental calculations</p> <p>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit.</p>
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