

## Trafalgar Infant School: Maths Curriculum Overview

Subject	Intent	Implementation	Impact
<p><b>Maths</b></p> <p><b>Skills:</b></p> <p>Number</p> <ul style="list-style-type: none"> <li>• Number and place value</li> <li>• Addition &amp; Subtraction</li> <li>• Multiplication and division</li> <li>• Fractions</li> </ul> <p><b>Measurement</b></p> <p><b>Geometry</b></p> <ul style="list-style-type: none"> <li>• Properties of shape</li> <li>• Position &amp; direction</li> </ul> <p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>• Year 2 only</li> </ul>	<p>The curriculum will ensure children will be able to:</p> <ul style="list-style-type: none"> <li>• <b>become fluent</b> in the fundamentals of mathematics so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately</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, including breaking down problems into a series of simpler steps and persevering in seeking solutions.</li> </ul>	<p>We use the White Rose scheme of work, supplemented with other material, to help us deliver and meet the objectives of the national curriculum. The knowledge and skills progression for maths is covered through White Rose.</p> <p><b>Lessons include the opportunities for children to:</b></p> <p>We use the White Rose scheme of work, supplemented with other material, to help us deliver and meet the objectives of the national curriculum. The knowledge and skills progression for maths is covered through White Rose.</p> <ul style="list-style-type: none"> <li>• teaching of mathematical fluency, reasoning and problem solving at appropriate levels of challenge for all children to progress</li> <li>• exploration of learning using physical resources and through concrete, pictorial and abstract representations to secure understanding</li> <li>• adaption to suit all abilities</li> </ul> <p><b>Timing:</b> Maths is taught 5 sessions a week</p> <p><b>Supported by:</b> White Rose, National Centre for Excellence in Teaching of Mathematics (NCETM)</p>	<p><b>Assessment includes:</b></p> <ul style="list-style-type: none"> <li>• a quick topic check to gauge prior knowledge can be done before teaching a new topic</li> <li>• on-going assessment during lessons and marking, with teachers adapting planning as required</li> <li>• end of topic tests and end of term tests (White Rose)</li> </ul> <p><b>Monitoring:</b></p> <ul style="list-style-type: none"> <li>• regular monitoring by SLT and subject leads on a timetabled cycle</li> <li>• internal data is scrutinised termly to monitor if children are on track</li> <li>• where individuals fall below expected levels of attainment, additional support is provided to accelerate progress</li> </ul>