















## Mathematics Curriculum

Vision: Mathematics at Windsor Community Primary School promotes a love of learning while building confidence, resilience and self-belief. The school believes mathematics is a creative and interconnected discipline essential for everyday life, problem solving, employment and financial literacy. All pupils, regardless of background or ability, are supported to achieve their full potential and develop curiosity, enjoyment and appreciation of mathematics.

INTENT		IMPLEMENTATION		IMPACT	
	<p>The mathematics curriculum is fully aligned to the National Curriculum (2014) and the Statutory Framework for EYFS. Coverage across key stages ensures pupils develop fluency, reasoning and problem-solving skills in number, geometry, measurement, statistics and algebra, with clear progression year on year.</p>		<p>Teaching emphasises secure conceptual understanding through frequent practice, reasoning tasks and problem solving. Lessons are structured to develop fluency before applying knowledge to increasingly complex and non-routine problems. Mathematical language, representation and modelling are embedded to support deep understanding.</p>		<p>Assessment is ongoing and formative, enabling teachers to identify misconceptions, adapt teaching and provide timely support. Assessment information is used to inform planning, intervention and challenge, ensuring all pupils make progress.</p>
<p><b>Alignment to National Curriculum</b></p>		<p><b>Pedagogical Approaches</b></p>		<p><b>Approach to Assessment</b></p>	

 <p><b>Sequencing and end points</b></p>	<p>The curriculum is carefully sequenced from EYFS to Year 6, building from foundational number knowledge to more sophisticated mathematical thinking. Clear end points ensure pupils leave Windsor fluent in core mathematics, able to reason mathematically and apply strategies independently in preparation for Key Stage 3.</p>	 <p><b>Teacher's Expert Knowledge</b></p>	<p>Teachers are supported through detailed curriculum documentation and policy guidance, ensuring consistent, high-quality delivery. Strong subject knowledge enables teachers to model reasoning, introduce precise vocabulary and support pupils in making connections across mathematical concepts.</p>	 <p><b>Performance Data</b></p>	<p>Pupil outcomes are monitored internally through teacher assessment and progress reviews. Data is used to identify strengths, gaps and trends, supporting targeted improvement and sustained progress for all groups of pupils.</p>
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 <p><b>Communication Aims</b></p>	<p>Communication is a key driver in mathematics. Pupils are encouraged to articulate their reasoning, explain methods and justify answers using accurate mathematical vocabulary. Oracy is embedded to strengthen understanding and confidence in mathematical thinking.</p>	 <p><b>Promoting Discussion and Understanding</b></p>	<p>Mathematics lessons promote structured talk, reasoning and collaborative problem solving. Pupils are encouraged to explain strategies, compare methods and challenge ideas, deepening conceptual understanding and mathematical confidence.</p>	 <p><b>Pupil's Work</b></p>	<p>Pupils' work demonstrates progressive development in fluency, reasoning and problem solving. Work shows increasing independence, accuracy and the ability to apply knowledge in a variety of contexts as pupils move through the school.</p>
 <p><b>Addressing Social Disadvantage</b></p>	<p>As an inner-city school with high levels of disadvantage, Windsor ensures all pupils have equal access to a high-quality mathematics curriculum. Careful scaffolding, targeted support and inclusive practice enable every child to succeed, regardless of starting point.</p>	 <p><b>Knowing More and Remembering More</b></p>	<p>Key skills and concepts are revisited regularly, allowing pupils to consolidate learning and make connections over time. Frequent opportunities for practice and application ensure learning is retained and built upon securely.</p>	 <p><b>Monitoring and Evaluation</b></p>	<p>The subject leader monitors mathematics through assessment data, work scrutiny and discussion with staff. Curriculum review is ongoing to ensure high expectations, consistency and effective progression across all year groups.</p>
 <p><b>Local Context</b></p>	<p>Mathematics teaching is responsive to the needs of Windsor's diverse community. Learning is contextualised where appropriate to pupils' everyday experiences, supporting relevance, engagement and confidence.</p>	 <p><b>Teacher Assessment</b></p>	<p>Teachers assess pupils' understanding continuously and use this information to adapt instruction, provide intervention or deepen challenge. Assessment focuses on both procedural fluency and conceptual understanding.</p>	 <p><b>Actions</b></p>	<p>The Mathematics curriculum is regularly reviewed to respond to pupil needs and national guidance. Staff engage in reflective practice to strengthen teaching quality and improve pupil outcomes.</p>



**Enrichment**

Mathematics is enriched through practical activities, problem-solving tasks and real-life applications that develop confidence and enjoyment. These experiences support pupils in recognising mathematics as meaningful and relevant beyond the classroom.