



# St Gabriel's CE Primary School

## Maths



Intent	Implementation	Impact
<p><b>When teaching maths, we:</b></p> <ul style="list-style-type: none"><li>• ensure all children become fluent mathematicians, who are able to recall and apply mathematical knowledge and demonstrate conceptual understanding.</li><li>• deliver an inspiring and engaging mathematics curriculum which nurtures confidence in maths.</li><li>• build on children's prior learning to equip them for today and tomorrow.</li><li>• develop children's knowledge and skills using a variety of methods.</li><li>• develop children's ability to articulate, discuss and explain their thinking using appropriate mathematical vocabulary.</li><li>• Allow children to apply their mathematical knowledge to solve problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.</li><li>• Provide opportunities for children to develop their mathematical fluency so they are able to recall and apply their knowledge rapidly and accurately.</li></ul>	<p><b>When teaching maths, we:</b></p> <ul style="list-style-type: none"><li>• Use White Rose which is a whole class mastery programme designed to engage children and develop their confidence in using maths.</li><li>• Ensure teaching sequences are based on small steps to allow children understand, apply and transfer skills to a range of mathematical problems and contexts.</li><li>• Base our lessons on the belief that all children can achieve and provide children tasks to enrich and stretch their learning, whilst providing scaffolds to support other children.</li><li>• Provide daily opportunities to revisit previous learning to strengthen their working memory and retain facts taught previously.</li><li>• Introduce new learning in small steps and provide children with opportunities for guided and independent practice.</li><li>• Encourage children to represent mathematical concepts using concrete resources, pictorial models and images and visualise abstract ideas.</li><li>• Give children regular opportunities to recall known facts, develop number sense and develop their efficiency of choosing different methods to apply to different contexts.</li><li>• Ensure reasoning and problem solving is interwoven into the mathematics curriculum.</li><li>• Teachers and Teaching assistants assess daily and give feedback to move learning forward.</li></ul>	<p><b>Children will:</b></p> <ul style="list-style-type: none"><li>• Be engaged and challenged through the mathematics curriculum.</li><li>• Develop their collaborative, independent and verbal skills in mathematics</li><li>• Become confident to discuss their maths learning and the links to mathematical topics and the real world.</li><li>• Have empathy and recognise the achievements and success of others as well as themselves.</li><li>• Have regular, ongoing assessment to inform their learning and progress.</li><li>• Engage with intervention groups when needed to ensure they make at least good progress in their learning.</li></ul>

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|  | <ul style="list-style-type: none"><li>• Provide children with the opportunity to assess their own learning at the start and end of each lesson.</li></ul> |  |
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