

Mathematics – IMPLEMENTATION



At St. John's, mathematics is planned using the National Curriculum, supported by the White Rose Maths scheme. Teachers supplement this with the DfE Mathematics Guidance and NCETM materials. These ensure logical, well-sequenced units and provide pedagogical guidance to support effective teaching.

Lessons are taught in year groups with flexible groupings, allowing all pupils to access learning at the right level. Scaffolds such as worked examples, adult support, and practical resources are provided where needed, while challenge is offered through extension tasks that deepen understanding.

Problem solving is central to our approach, helping children relate mathematics to real-world contexts. A Concrete–Pictorial–Abstract (CPA) model supports conceptual understanding, while reasoning is developed through structured discussion and precise mathematical vocabulary. Teachers expect full-sentence responses to promote clarity and confidence.

Fluency is developed through regular retrieval and spaced practice, with daily opportunities to reinforce number facts and key skills. All pupils work towards the same objectives, with tasks and support adapted to meet individual needs. Where needed, same-day interventions address gaps promptly, with disadvantaged learners prioritised for additional support.

Our Calculation Policy - taken from the White Rose and the NCETM progression documents - ensures a consistent, progressive approach to methods and language across all year groups, supporting both staff and families. Pupils also access Doodle Maths at home to reinforce learning in an adaptive, engaging way.

Mathematics provision is regularly monitored through planning and book reviews, learning walks, and pupil voice. The Curriculum Leader engages in ongoing professional development, sharing relevant updates and strategies with staff to support high-quality, evidence-informed practice.