St Anne's RC Primary

MISSION STATEMENT

'To live happily, love unconditionally and learn enthusiastically with Jesus by our side.'

Maths Policy

Date reviewed	
Date presented to Governors	
Date to be reviewed	

St Anne's Primary School

1. Intent

At St. Anne's Primary School, we believe mathematics equips children with a uniquely powerful set of tools to understand, reason, and problem-solve. By exploring relationships and patterns in numbers and space, our pupils discover how mathematics underpins everyday life, inspiring them to succeed in their next stage of learning.

At St. Anne's, our mathematics curriculum intends to develop:

- **Challenge and Enjoyment:** Provide access to a high-quality, engaging curriculum where children find fascination in mathematical concepts.
- **Resilience and Confidence:** Foster confident mathematicians who embrace mistakes, take risks, and approach challenges with perseverance.
- **Independence and Curiosity:** Nurture independent learners with inquisitive minds, secure mathematical foundations, and a drive for self-improvement.
- **Fluency and Competence:** Build a deep, secure understanding of the number system and core mathematical skills.
- **Logical Thinking:** Equip children to reason logically, work systematically, and confidently apply their knowledge to solve real-world problems.

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2. Implementation

At St. Anne's Primary School, we take an outward-looking, creative approach to implementing a high-quality mathematics curriculum. Our implementation is driven by a deep subject knowledge and a structured approach to planning, teaching, and assessment.

1. Strategic Planning

Our progressive curriculum framework ensures full alignment with national expectations:

- **Long-Term:** Rooted in the National Curriculum and Development Matters frameworks to ensure seamless progression.
- **Medium-Term:** Yearly overviews that are dynamically updated in response to data and internal monitoring.
- **Short-Term:** Weekly planning built upon the White Rose Maths framework.

2. Responsive Teaching & Assessment

Our teachers master three core principles of assessment to drive progress:

- **Knowing where children are:** Utilising precise summative data, prior learning reviews, and rich mathematical talk.
- **Understanding where children need to be:** Maintaining a secure grasp of year-group and pre-key-stage expectations through incisive, ongoing formative assessment.
- **Knowing how to get them there:** Deploying adaptive teaching strategies that promote independence, mastery, and high expectations for all learners.

3. Classroom Practice & Pedagogy

To ensure daily high-quality outcomes, teachers:

- **Prioritize Problem Solving:** Anchor every mathematics lesson with an initial problem to stimulate critical thinking.
- **Embed Fluency:** Deliver daily, dedicated "Snappy Maths" sessions to secure rapid recall and core skills.
- **Motivate with Maths Badges:** Test core fluency objectives across the year, allowing children to earn Bronze, Silver, Gold, and Platinum badges. This exciting reward system ensures key facts are deeply embedded while celebrating individual effort.
- **Optimise Support:** Effectively deploy additional adults during introductions, plenaries and for both planned and immediate interventions.
- **Ensure Progression:** Explicitly plan for sequential progression between lessons.

- **Connect to the Real World:** Where appropriate, contextualise learning by linking mathematical concepts to everyday life.

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3. Impact

The true impact of our math curriculum at St. Anne's is seen in the vibrant buzz of our classrooms, where confident, resilient children embrace mistakes as stepping stones to learning. By grounding daily lessons with problem-solving and rapid fluency, we ensure our pupils leave us as independent, capable thinkers who love mathematics and are fully equipped for their future.

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4. Assessment:

- **Daily Formative Assessment:** Built into the fabric of every lesson through high-quality questioning, marking, and diagnostic fluency checks (such as "Snappy Maths" and memory joggers) to reshape learning in real time.
- **Maths Badges:** Across the year, we test core fluency skills so children can earn their Bronze, Silver, Gold and Platinum badges. This motivates the children, celebrates their hard work and ensures they have mastered the most important math facts.
- **Unit & Termly Diagnostics:** Low-stakes White Rose pre- and post-unit assessments, combined with termly standardised tests, are used to measure retention, identify learning gaps, and adapt medium-term planning.
- **Statutory Outcomes:** National progress and fluency are benchmarked via Year 2 and Year 6 SATs, as well as the **Year 4 Multiplication Tables Check** . Tailored assessment paths for SEND pupils are implemented where appropriate, subject to Headteacher agreement.
- **Responsive Planning:** Continuous opportunities to recap prior learning are woven into the curriculum. Through Memory Joggers, Maths Badges, Snappy maths along with revisited topics/strategies we recap prior learning to gauge retention and understanding.