Mathematics at St George's

INTENT IMPLEMENTATION CULTURAL CAPITAL

Build secure foundations in number, shape and reasoning.

- Develop early number sense through counting songs, rhymes and practical experiences.
- Build fluency in number facts and multiplication through Cracking Maths, skip counting in Year 1 and times-table practice in Year 2.
- Use White Rose Maths' small-step approach and concrete, pictorial and abstract representations to develop understanding.
- Use targeted questioning and Number Stacks interventions to identify misconceptions and address gaps.

Teach skills and knowledge progressively building on prior learning.

- Begin every lesson with retrieval practice to revisit prior learning and strengthen recall.
- Follow White Rose Maths' carefully sequenced small steps to build knowledge progressively.
- Supplement the scheme with problem-solving and challenge activities to consolidate and deepen understanding.
- Use Number Stacks interventions to revisit key concepts and secure foundational knowledge.

Foster curiosity, resilience and problem-solving skills.

- Make mathematical apparatus readily accessible, encouraging children to independently select resources to support their learning.
- Use Tiny the Turtle's deliberate mistakes to challenge understanding and develop mathematical reasoning and vocabulary.
- Encourage children to explain their thinking, justify answers and learn from mistakes.

Enable children to apply knowledge in real-life contexts.

- Make cross-curricular links, applying mathematical knowledge across different areas of learning.
- Use practical games and role play, such as shopkeeping, to explore real-life mathematical contexts.
- Develop financial awareness and enterprise through our annual Enterprise Week.
- Extend mathematical learning beyond the classroom through home learning activities.



Inspire confidence and enjoyment in mathematics.

- Promote a positive mathematical mindset, encouraging every child to have a 'have a go' attitude and embrace mistakes, supported by our Learning Armoury.
- Make mathematics enjoyable through games, songs and rhymes.
- Celebrate mathematics through our annual NSPCC Number Day, promoting teamwork and excitement.
- Share mathematical games and activities with families through our newsletter, including LoveMaths.