

Mathematics at St Lucia's Primary & Nursery CofE School

Maths Vision and Curriculum Overview

At St Lucia's Primary & Nursery CofE School, we believe that all children can succeed in mathematics. Our approach is guided by our school values to **nurture**, **nourish** and **grow** every child. We aim to develop confident, capable mathematicians who enjoy learning, can explain their thinking and use maths in everyday contexts.

Our Approach to Teaching Mathematics

Mathematics is taught daily through a carefully sequenced curriculum aligned with White Rose Maths. Learning is broken into small, manageable steps so that pupils develop secure understanding before moving on. Lessons include clear teacher modelling, discussion, guided practice and regular opportunities to revisit prior learning.

Concrete – Pictorial – Abstract (CPA)

We use the Concrete – Pictorial – Abstract approach across all year groups. Pupils first explore concepts using practical resources, then represent ideas through drawings and models, before applying understanding using numbers and symbols. Resources and visual models remain available to support learning at all stages.

Calculation and Progression

Calculation is taught in line with our whole-school calculation policy, ensuring consistency and progression from Early Years to Key Stage 2. Secure number sense, place value understanding and mental strategies are prioritised. Formal written methods are introduced only when pupils are ready and have demonstrated secure understanding through practical and visual approaches.

Reasoning, Problem Solving and Real-Life Maths

Reasoning and problem solving are central to mathematics at St Lucia's. Pupils are encouraged to explain their thinking, justify their answers and explore different strategies. Practical resources and real-life contexts help children see maths as purposeful, meaningful and connected to the world around them.

Supporting Mathematics at Home

Parents and carers can support learning by talking positively about maths, practising number facts and using everyday activities such as shopping, cooking and telling the time. To ensure consistency, we ask that alternative calculation methods are not taught at home. Staff are always happy to help explain our approaches.