



Maths Curriculum Statement

Why is Maths important?

At St George's Central CE Primary School and Nursery, we believe maths to be a crucial part in helping children to develop their understanding of the world. The implementation of our curriculum allows children to better make sense of the world around them and making the connection between mathematics and everyday life. It is important that children at our school develop a confidence in, and enthusiasm for, maths so they can begin to apply it in the world around them.

What is Maths like at St. George's Central CE Primary School and Nursery?

All classes have a daily mathematics lesson where possible. In Nursery and Reception we follow the Early Years Foundation Stage (EYFS) curriculum where mathematics is one of the specific areas of learning. Teachers in the EYFS ensure the children learn through a mixture of adult led activities and child initiated activities both inside and outside of the classroom.

In Y1 to Y6 we teach from the National Curriculum (September 2014) and support their aims that children should:

- ✓ 'become **fluent** in the fundamentals of mathematics, including through varied and frequent practice with increasingly complex problems over time, so that pupils develop conceptual understanding and the ability to recall and apply knowledge rapidly and accurately.
- ✓ **reason mathematically** by following a line of enquiry, conjecturing relationships and generalisations, and developing an argument, justification or proof using mathematical language
- ✓ **solve problems** by applying their mathematics to a variety of routine and non-routine problems with increasing sophistication, including breaking down problems into a series of simpler steps and persevering in seeking solutions.'

Discussion is essential to our learning and time is planned into lessons for this. Tasks are varied to suit different children and their learning preferences whilst reasoning in writing remains one of our key focuses. Investigative tasks are designed to allow pupils to follow lines of enquiry and develop their own ideas, justifying and proving their answers. Children work both collaboratively and independently when solving problems, which requires them to persevere and develop resilience. We have fostered a growth mindset approach to maths where it is acceptable to be 'wrong' because the journey to finding an answer is most important. Every class has a maths working wall which displays questions to support learning, key vocabulary and where possible concrete, pictorial and abstract representations for children to refer to for guidance. Teachers are also encouraged to have easily accessible concrete resources available.

Opportunities to celebrate Maths at St George's Central CE Primary School and Nursery

Visitors in school, whole school maths challenges, Times Tables Rock Stars Challenges, maths clubs, high quality maths working walls in classrooms, workshops for parents/carers, inter-school competitions.

'Never settle for less than your best'

Jesus said, 'I am the light of the world. Whoever follows Me will not walk in darkness, but will have the light of life.' John 8:12