

Maths on a page

St George's Vision

"Let your light shine," Matthew 5: 16

Maths Vision

The language of mathematics is international, and the basic skills of mathematics is vital for the life opportunities of our children. Our vision for St Georges is **"to foster positive attitudes, fascination, and excitement of discovery in maths and for all children to think mathematically"**. This lifelong skill will enable them to reason and solve problems in a range of contexts.

Intent

At St George's, our intent is to enable our pupils to achieve the highest standards and equip them with the skills they need to become independent, motivated, and lifelong learners.

Implementation

In EYFS, we follow the structure and requirements of the Statutory framework for the early years and foundation stage (2021) In KS1 & 2, for long-term planning, we follow the White Rose maths schemes of learning as a guide, which in turn follows the structure and content of the NC Mathematics programmes of study. Alongside this, we implement the Endeavour Schools Trust calculation policy, the teaching of which is structured on a Concrete, Pictorial, Abstract approach. All planning is adopted and differentiated to meet the specific needs and starting points of our individual learners.

The aim of all of the above is to promote mathematical fluency in all aspects of the maths curriculum and develop deeper thinking, reasoning and problem-solving skills. For this we routinely plan open ended mathematical investigations using resources and challenges from the likes of NRICH, NCETM and I See Reasoning.

To support the development of fluency of mental maths, the rapid recall of number facts and promote learning at home, we provide every learner with access to Numbots, Times Table Rockstars and Education City.

Outcomes

Instant formative assessment is provided by in class targeted groups and verbal and written feedback. Further formative assessment is made through pre and post module assessments in place value, the four main number operations and fractions. Summative assessment takes the form of weekly times table tests (Number Ninjas), end of KS1 assessment (year 2), GL testing (Years 3 & 4) Year 4 multiplication tables test and the end of module assessments. Progress in maths is assessed and measured in termly data captures using Educater.