

Mathematics

The new mathematics curriculum 2014 is at the foundation of all teaching and learning at St Matthews. It equips pupils with tools that include logical reasoning, problem-solving skills, and the ability to think in abstract ways. Mathematics is delivered through a broad range of teaching strategies that take into account the varied and individual ways in which children learn

During the Early Years Foundation Stage Curriculum, maths forms part of many interactive learning experiences. Pupils develop their knowledge and understanding of mathematics through play, exploration and discussion. Children work with shapes and begin to learn their properties, use language to give positional clues and compare quantities, identify and recreate patterns. They learn to count, read, write and order numbers to 20 using songs and rhymes, which is extended to 100 and beyond during The National Curriculum in Key Stage 1.

During Key Stage 1 children are taught in class groups for their main maths lesson. They look at number sequences and calculations using all four operations through practical and formal methods. Additionally they learn about shape and space, through practical activity which builds on their understanding of their immediate environment. They develop their use of mathematical language, using it to talk about their methods and explain their reasoning when solving problems.

During Key Stage 2, children are taught in class groups for their daily maths lesson. They move from counting reliably to calculating fluently with all four number operations. Children will use a wider range of mathematical language, diagrams and charts. They learn to tackle a problem with mental methods before using any other approach, always supported with help and encouragement. Problem solving and reasoning underpins all of the concepts taught within Maths and it is woven through the curriculum, giving the children a deeper understanding.

We track progress regularly to provide specific learning targets to focus development in identified areas of Numeracy and progress is monitored in termly target setting and Pupil Progress Meetings (PPM).