



Subject
Information
Year 5/6



Soaring to success

Maths

Upper Key Stage 2

Throughout upper key stage 2, we follow the National Curriculum using the mastery approach and use the Maths No Problem textbooks to support this. The principal focus of mathematics teaching in upper key stage 2 is to ensure that the children extend their understanding of the number system and place value to include larger integers.

They develop the connections made between multiplication and division with fractions, decimals, percentages and ratio. The children also develop their ability to solve a wider range of problems, including increasingly complex properties of numbers and arithmetic, and problems demanding efficient written and mental methods of calculation. With this foundation in arithmetic, pupils are introduced to the language of algebra as a means for solving a variety of problems.

Teaching in geometry and measures consolidates and extends knowledge developed in number. Teaching also ensures that children classify shapes with increasingly complex geometric properties and that they learn the vocabulary they need to describe them.

By the end of year 6, children are fluent in written methods for all four operations, including long multiplication and division, and in working with fractions, decimals and percentages.

In addition to daily Mathematics lessons, children take part in a Maths basic skills session. Fluency and accuracy of key mathematics skills are developed during these sessions and provide an opportunity to revisit and review misconceptions and deepen previously taught content.