



# Farnham Primary School

## MATHEMATICS

Mathematics provides ways of viewing and making sense of the world. At Farnham we aim for all our pupils to develop:

- A positive attitude to mathematics.
- Competence and confidence in mathematical knowledge, concepts and skills.
- An ability to communicate mathematics.
- An ability to use and apply mathematics across the curriculum and real life.
- An ability to use it with confidence, understanding and pleasure.

In the National Curriculum 2014, Mathematics is set under Programmes of Study within Key Stage One, Lower Key Stage Two and Upper Key Stage Two. These are then divided into year groups from Year 1 to 6 and are categorised with the following domains:

- Number and Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions
- Measurement
- Geometry – Properties of Shapes
- Geometry – Position and Direction
- Statistics (from Year 2)
- Ratio and Proportion (Year 6)
- Algebra (Year 6)

The Early Years' Foundation Stage has a pre-requisite curriculum that outlines mathematical awareness, skills and understanding at different stages of early development. In Nursery and Reception, Mathematics is presented through the children's environment and access to continuous provision on a daily basis. Focus grouped activities are delivered by all adults to target children's specific learning. Years 1 to 6 – Mathematics is taught in specific lessons, 5 lessons a week, lasting 1 hour per lesson. Children are taught in either ability groups or as a class according to the cohort of children and will be decided upon by the teachers concerned and the SLT. Years 3 to 6 have at least two additional sessions a week for 20 minutes for developing speed and accuracy of the times tables. There are also ICT opportunities for all ages before school, during lunch times and after school.

Farnham's Calculations Policy contains key written methods that will be taught within our school. It has been written to ensure consistency and progression throughout and reflects a whole school agreement which can be seen displayed in classrooms. Farnham also has a consistent approach to teaching children important mental calculations skills. Every year group from Nursery to Year 6 have 10 age-appropriate targets called Learn by Hearts. Children are encouraged to practise these at home as well as within lessons and are rewarded as they learn them with 5 house points or a special sticker for Nursery.

