



The Oaks Primary School  
Bringing Learning to Life

## **Mathematics Curriculum Overview**

We live in a world dependent on numbers. All children need to develop a functional understanding of numbers, the operations and the relationship between them. Mathematics is important in everyday life, many forms of employment, science and technology, medicine, the economy, the environment and in public decision making. Our aim is to create fluent mathematicians that can reason mathematically and apply their learning to solve problems.

At The Oaks, mathematics is planned and taught through the use of the National Curriculum, the Maths Focus Guidelines along with the 'Non-Negotiables' objectives. Mental activities are practiced continuously throughout each day. Staff use a range of strategies from our 'Teachers Toolkit' to engage all of the children in their learning. Pupils engage in:

- The development of mental strategies
- Fluency of written and mental methods
- Practical learning
- Investigational work; raising questions, predicting and making inferences
- Problem solving
- Mathematical reasoning
- Non-Negotiable Maths activities
- Big Maths
- 'Number Fun' maths songs
- Mathematical discussion using appropriate vocabulary
- Consolidation of basic skills and routines

We value the importance of parents and families in their child's development and although we have a 'no homework' policy, children have a Maths Challenge book to engage in mathematical activities with parents at home. Children also have log-ins to Times Tables Rockstars where at home, they can play timed games to develop their times tables knowledge and fluency.