



# Maths Curriculum Statement



## **Intent:**

Mathematics at Sandringham Infant and Nursery School is challenging, exciting, creative, and engaging, and enables children to become confident Mathematicians. Fluency, problem solving, and reasoning are at the heart of our teaching; ensuring children develop a secure and transferable understanding of mathematical concepts through a Mastery approach.

## **Implementation:**

The teaching of Maths at Sandringham ensures all children can achieve based upon individual starting points. Lessons are carefully planned to allow the whole class to access the same lesson, whilst ensuring learning is personalised via support or challenge. Small steps in progression ensure that children are always making links to prior learning and building on previous understanding. Each new concept is practised and embedded via varied fluency, then reasoning and problem solving ensure a deep understanding of the methodologies within the Maths. Children are taught to explain their understanding and give clear reasoning, using appropriate Mathematical vocabulary. By exposing children to maths concepts in a range of representations and contexts, they are able to build on their knowledge and apply what they know to new areas. Where appropriate maths is woven into the wider curriculum, enabling children to recognise the relevance and value of Maths in day-to-day life. Alongside maths lessons, children's learning is further supported by access to a range of resources, including Mathletics. A great importance is put on this within Sandringham, encouraging practise as home learning.

The Kite Academy Trust run a series of 'Maths Days' for pupils in all year groups, particularly focused on challenging the more able.

## **Impact:**

- Children at Sandringham have a love for Maths and approach learning with a 'can do' attitude.
- Children are resilient learners and persevere to establish a deep understanding of Mathematical methodologies and can use these in reasoning.
- Children are able to link their learning to solve real-life problems.
- Children will be actively engaged in representing the school in mathematical competitions.
- Children readily accept maths challenges both within school and beyond that test their mathematical ability and deep understanding of mathematical concepts.