

# Mathematic Curriculum Statement



## Intent

The National Curriculum for Mathematics aims to ensure that all pupils:

- Become fluent in the fundamentals of Mathematics
- Are able to reason mathematically
- Can solve problems by applying their Mathematical skills.

At Kensington Avenue Primary School, we are committed to ensure all pupils reach their full academic potential and therefore have embedded and developed these skills within our Maths lessons guided by the Kangaroo Maths Scheme. This means ensuring a curriculum that is fully inclusive of all children which:

- Develops and consolidate basic mathematical skill, through weekly basic skills practise.
- Develops pupils' fluency and understanding of Mathematics which enables them to practise fundamental skills.
- Enables pupils to reason mathematically and think critically to communicate their strategic understanding through mastery.
- Gives pupils the opportunities to apply learnt mathematical skills in different contexts across the curriculum and in real life situations.
- Develops pupils' curiosity and enjoyment of Mathematics, through the use of Active Maths, super movers, maths games and the use of relevant apparatus including Numicon, so that they can experience success in the subject.

## Implementation

At Kensington Avenue Primary School teachers reinforce the expectation that all pupils are capable of achieving high standards in Mathematics. The Kangaroo Maths Scheme is used to provide a logical and methodical programme which supports teachers to plan well-crafted lessons which foster deep conceptual and procedural knowledge. This along with precise questioning, regular practice and consolidation allows teachers to identify those pupils who require intervention and address this quickly. Pupils are regularly required to share new concepts within the context of a problem. This encourages discussion, reasoning, and an awareness of maths in relatable real-life contexts that link to other areas of learning. Our KS1 pupils are always offered objects (concrete manipulatives) and this is good practice for some of our older pupils too, to ensure solid foundations of understanding. Each lesson provides the means to achieve greater depth, with more able pupils being offered sophisticated problems as well as exploratory and investigative tasks to apply their knowledge.

## Impact

Kensington Avenue Primary School maintains high standards in Mathematics, with achievement at KS1 and 2 above the national average. Regular and ongoing assessments inform teaching, provide intervention and support to all pupils enabling success for all with mathematics. We promote a 'growth mindset' and ethos of 'challenge for all' in a supportive environment allowing pupils to recognise and celebrate their own learning and the achievements of others.