



## Maths Curriculum Statement

### Intent:

Mathematics at Wyke Primary School aims to be challenging and engaging for all pupils, enabling them to become confident mathematicians. By developing confidence in all pupils, they are encouraged to approach increasingly challenging mathematics in a resilient and positive manner. It is important for us that children are able to develop their fluency, reasoning and problem-solving skills; through the implementation of a Mastery approach.

### Implementation:

The teaching of Maths at Wyke allows all children to achieve. Lessons will be carefully planned, allowing all pupils within the class to access the same learning; differentiated to ensure appropriate support and challenge is received. Children should be making links to prior learning when faced with new challenges, developing their previous skills and understanding. Each new concept will be approached through varied fluency, providing children with exposure to a variety of different representations. Alongside continuous skill practise, children will develop their reasoning and problem-solving skills in both verbal and written formats. Children are encouraged to develop their mathematical vocabulary repertoire, drawing upon their understanding when explaining their thought processes. Where appropriate Maths will be included in the wider curriculum, providing the children with the skills to recognise the relevance of maths in everyday life. When possible, children should be provided with real life examples when faced with new concepts.

In addition to Maths lessons, children's learning is further supported through Times Table Rockstars, to help develop rapid recall of times table facts. Initially designed to be a preparation tool for the Year 4 national times table test, children throughout the school will be encouraged to practise too.

The Kite Academy Trust run a series of 'Maths Days' for pupils in all year groups, particularly focussed on challenging the more able pupils. Collaboration with staff across the academy allows for the sharing of good practice and activities that encourage child led learning. This in turn allows our children exposure to engaging challenges, both in and outside the classroom.

### Impact:

- Children at Wyke enjoy learning Maths and approach each challenge with a positive growth mindset
- children understand the strength of having rapid recall of number facts and times tables, enabling them to tackle new challenges in an increasingly enjoyable manner
- children use mathematical vocabulary within in reasoning, showing a resilient approach to Maths learning
- children are able to see how learning links to real-life scenarios and problems
- children enjoy rising to Maths challenges and are keen to develop a deeper understanding of mathematical concepts
- children will be encouraged to be active Maths learners within both the classroom and the wider school environment.