



Statement of Intention, Implementation and Impact

**INTENTION:**

It is our aim at Otterbourne C of E Primary School to inspire a new generation of confident, determined mathematicians. We intend to provide a comprehensive and rigorous curriculum that ensures all pupils become fluent in the fundamentals of mathematics. We want the children of our school to aspire to reason mathematically and solve increasingly complex problems using appropriate methods.

We strive to develop a love of maths so that the children recognise its importance in the world around them and are motivated to use their mathematical skills daily. We appreciate that maths needs to be inclusive for all and therefore are committed to supporting pupils in developing their resilience, problem-solving and logical reasoning.

**IMPLEMENTATION:**

Our maths curriculum is taught by knowledgeable and passionate teachers who use a wide range of quality resources to deliver engaging and challenging experiences for all pupils. Our lessons are designed to reflect the Golden Threads that weave through the curriculum across the school. Fluency will be focused on to ensure pupils have the time they need to master each step of their learning.

Using a concrete-pictorial-abstract approach, building in modelling and visualisation, and using manipulatives and real experiences to help children make sense of new mathematical ideas will support them when reasoning.

Group work and teacher conferencing will provide opportunities for problem solving; allowing children to think outside the box and apply their maths to real life situations. Our teachers provide targeted and individualised support where necessary to close gaps and accelerate progress. We use creative and enjoyable opportunities, such as competitions, practical investigations, themed weeks, and outdoor maths lessons, to make maths engaging and inspiring for pupils.

**IMPACT:**

Our pupils are highly confident in maths, enjoy the subject, and are motivated to use their skills. They are fluent in the fundamentals of mathematics, enjoy practising problem-solving skills, and are able to apply what they have learnt across a range of contexts

The children at Otterbourne C of E Primary School have a clear understanding of the purpose and value of maths, and recognise how it can be used in their everyday lives. Pupils are able to articulate their reasoning process and explain their thinking to others in a clear and concise manner; they are willing to take a risk to explore the rules they have been taught in maths and test the parameters.

Our pupils leave primary school with positive attitudes towards maths, high levels of achievement and readiness to embark upon the next phase of their learning journey.