

Maths Curriculum Intent

We aim to ensure that teaching and learning of maths ensures that our children understand and develop key skills that they will carry on into their everyday lives. The planning is sequenced to ensure prior learning is developed and enhanced by reasoning and problem-solving opportunities. We ensure all our children are fluent with arithmetic knowledge and skills.

We aim to:

- Ensure that every child has confidence in the recall of key number facts and arithmetic procedures, enabling them to access the whole maths curriculum with confidence and capability.
- Develop and practise key vocabulary and understanding through reasoning and explanation.
- Offer all children opportunities to problem solve and apply mathematical knowledge to the wider world.

Maths Curriculum Implementation

At Cusgarne School, we aim to offer a mathematics curriculum that is consistent, sustainable and progressive through continuously looking at ways in which we can enhance the teaching and learning of mathematics within our school.

In EYFS, a mathematics curriculum has been implemented which builds on an emphasis on number and key knowledge. Mathematics is woven throughout the school day, as well as being taught in discreet, hands-on adult-guided lessons. Children take pride in their daily routine of exploring the weather, seasons and dates through singing, stories and discussions. Self-registration provides further mathematical opportunities through real-life contexts, such as our feelings chart, using our visual 5 and 10-frames and part-whole models. This ensures that our children are applying these concepts through their everyday routines and interactions.

Our planning is based on the White Rose Scheme of Learning. In order to meet expectations within the National Curriculum, we ensure that all of our children develop a deep and sustainable understanding of mathematical concepts through a mathematics curriculum that promotes a rich understanding of concepts taught in small steps in a systematic way.

Children are supported by having access to a range of mathematical resources in our classrooms including Numicon, Base10 and counters. We encourage all our children to support their personal learning by choosing support materials they believe will best support them with their learning.

We continuously reflect on our practices and strive to better ourselves. We receive support from Aspire's Maths Lead and across our 'Hub schools. Staff are constantly encouraged to seek and attend training opportunities, including visiting other

schools to observe good practice. At Cusgarne School, staff have been supported to reflect on their own practice, given bespoke planning support, coaching and mentoring by the Aspire Math's Lead who is also a CODE Maths Hub Mastery Specialist and NCETM School Development Lead.

Through our teaching we continuously monitor pupils' progress against age-related expectations. Live marking is used in mathematics lessons so that challenge and support can be provided. In EYFS, we assess the children through ongoing observations and through the use of Tapestry. In KS1 and KS2, pupils are assessed at the start and end of each unit. The main purpose of all assessments is to always ensure that we are providing personalised provision for every child, ensuring that they are able to develop and progress in their maths knowledge and understanding.

Mathematics Curriculum Impact

The impacts of mathematics teaching and learning at Cusgarne School are to ensure that:

- All pupils to become fluent in the fundamentals of the mathematics curriculum.
- All pupils can reason mathematically and apply their understanding of mathematical concepts.
- All pupils can solve problems by applying their mathematics to a variety of contexts.
- All pupils develop a life-long interest and enjoyment of mathematics.