

Maths at Wyke Regis Primary Federation

Intent Statement



We aim beyond the requirements of the National Curriculum for mathematics; providing a broad and balanced curriculum; ensuring a progressive development of mathematical concepts, knowledge and skills.

We have designed our maths curriculum with an underpinning pedagogical approach with a belief that **all** children can achieve in maths.

We choose important threads that link the learning from the Foundation stage to the end of Year 6. In maths these threads promote sustained and deeper understanding by employing a range of strategies, with teaching for conceptual understanding at the heart of everything that we do. These are all equally important for our learners because they will be empowered to explore mathematical concepts, make connections, test conjectures and make generalisations about their maths, using mathematical vocabulary to justify their thinking and demonstrate their deeper understanding.

Through our Federation drivers, maths will develop the children's creativity by offering an engaging curriculum where children can develop personal strategies to explore and solve problems, building resilience with children understanding that maths is not always about 'getting' to an answer straight away but using their errors to improve, and raise aspirations by equipping children with the skills to be independent learners who are enthused by mathematics being well-equipped to apply their learning in the wider world.

Being in Wyke offers our children the chance to deepen their conceptual understanding through a conceptually progressive approach, and we ensure whenever possible, to link maths to the real world through exploring mathematical concepts in real-world contexts..

We make our maths learning inclusive to all by offering an equitable classroom where all learners concentrate on the same focus with different support provided, enabling all pupils to access the mathematics independently.

We want our learners to be highly enthused when engaging in mathematics, being led by teachers with their own enthusiasm for maths, so that they are inspired by the wonder that mathematics can offer in school and in their futures.