



At Offenham CE First School we believe that Mathematics is a tool for everyday life. It is a whole network of concepts and relationships which provide a way of viewing and making sense of the world. It is used to analyse and communicate information and ideas and to tackle a range of practical tasks and real life problems.

Our intention

The key driver of progress is quality first teaching alongside the quality of the curriculum. Our curriculum at Offenham is rooted in a solid consensus of the school's leaders about the knowledge and skills that children need in order to take advantage of opportunities, responsibilities and experiences in later life.

Maths curriculum

In the Early Years Foundation Stage (EYFS), we relate the mathematical aspects of the children's work to the Development Matters statements and the Early Learning Goals (ELG), as set out in the EYFS profile document. Mathematics development involves providing children with opportunities to practise and improve their skills in counting numbers, calculating simple addition and subtraction problems, and to describe shapes, spaces, and measures.

In Years one to five, we use White Rose materials to inform a mastery approach to Mathematics. Underlying this approach is the belief that all children should work together to become fluent mathematicians, who are able to reason and solve a variety of problems by applying what they have learned in a range of contexts.

Using the Programmes of Study from the National Curriculum for Mathematics (2014) we aim to develop:

- An enjoyment and curiosity of Mathematics and for children to feel confident in becoming successful.
- Children's abilities to use and apply Mathematics to solve problems in both the classroom and real life contexts.
 - A confidence to communicate ideas in both oral and written forms.
- Independent and collaborative ways of working, encouraging children to share ideas and solve problems together
 - A wide range of mathematical vocabulary to be modelled and used in the classroom environment
- The children's ability to recall mental facts accurately and quickly and using effective written calculation methods
 - Children's logical thinking, reasoning and ability to problem solve as transferable life skills.

Intent and implementation

Offenham School leaders have looked at the bigger picture when thinking about the curriculum's intent and implementation in order for it to have the desired impact for the pupils. The evidence of the impact of the quality of the Mathematics education offered by Offenham CE First School is taken from the progress that pupils are making in terms of knowing more, remembering more and being confident, happy, challenged and able to do more.

For more information about Mathematics please see the Mathematics Policy.