

M

A

T

H

S

What does Maths look like at Old Bexley?

At Old Bexley, daily mathematics lessons follow the National Curriculum objectives as well as the White Rose Schemes of Learning. Mathematics is taught through a CPA approach (moving from concrete, to pictorial, to abstract), which aims to secure the children's conceptual understanding of mathematical ideas as well as to increase their confidence across the subject. Within lessons, children are exposed to fluency, reasoning and problem solving questions, giving them the opportunity to consolidate, use and apply the intended learning. Children are strongly encouraged throughout lessons to use STEM sentences to help deepen their understanding of a concept, as well as their ability to reason their thinking. Explicit times tables teaching during maths lessons develops children's understanding and use of times tables, as well as their mental arithmetic skills.

At Old Bexley, our maths curriculum is designed to take our children beyond the procedural and to become masters of the mathematical concepts they learn; they should understand the 'how' and 'why'. Mathematics should have a purpose and this will be achieved when children can use, apply and communicate their mathematical knowledge by becoming critical thinkers.

What is the purpose of Mathematics at Old Bexley?

At Old Bexley, we aim to equip our children with the necessary skills to be able to calculate, problem solve and reason. Through application of the range of mathematical concepts learnt (not only in daily lessons but also within mathematical events such as Maths Week), children can solve real world problems, which will be essential for their future. Our mathematics curriculum extends beyond the academic and also helps to develop the children's character, including their resilience, confidence, independence and team-working skills. Our objective is to build a lifelong love of maths.

MATHEMATICS

is not about
numbers, equations,
computations or
algorithms;
it is about

UNDERSTANDING.

- William Paul Thurston



"Maths is great as you learn to do things that you can use in real life outside of school."

"I love maths. I like working with other children to solve problems using what we have learnt in our lessons."

"Maths is fun because I love trying to find the answer to challenging questions. It gets us thinking!!"