

Maths at Cecil Gowing

Intent:

At Cecil Gowing Infant School we aim to help children develop a love for Mathematics. Mathematics gives pupils the tools to function and excel in all walks of life, developing the skills to tackle everyday problems and succeed in future employment. It encourages and develops logical and creative thinking through problem solving. Mathematics is a core subject in the National Curriculum and a specific area in the Statutory Framework for the Early Years Foundation Stage. We believe that children's attitudes to mathematics are formed through their early experiences at school and influenced by the feelings of their peers and the adults they learn from. Our intention is to give our children the best possible introduction to Mathematics to help them become confident, enthusiastic and competent mathematicians in preparation for their future schooling and lives.

Implementation:

In EYFS we approach mathematics in as practical a way as possible. The children discover and deepen their understanding of mathematical concepts through play and real-life meaningful contexts, experimentation and the use of practical, concrete objects. Our young mathematicians are provided with many exciting opportunities, through planned purposeful play and a mix of adult-led and child-initiated activities. White Rose is used to help plan mathematical progression.

In Key Stage 1, the children continue to have many opportunities to learn through engaging practical activities and exploration. As the children's understanding develops, they are introduced to more abstract ways of working and learn about different strategies for solving calculations. In year 1, children are taught through a carousel approach, and then as they progress into year 2 they will take part in whole class mathematics teaching

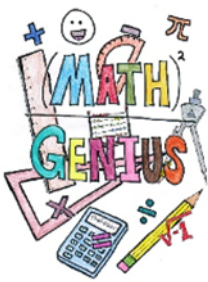
Regular "Maths Meetings" ensure that our children become confident with key mathematical skills such as counting, sorting, recognising numbers, place value, shape, patterns, money and time.

It is important their understanding is developed in an imaginative and enjoyable way therefore, much of the learning is developed through stories, rhymes, songs, practical activities and games.

“We love maths, oh yes we do!”

Impact

The children will receive high quality teaching, and well-planned sequences of learning to support and refine their maths skills. There is a clear progression of children’s work and teacher expectations throughout the year groups. Maths lessons include opportunities for discussion and a range of manipulatives and representations are used to develop conceptual understanding. Children’s work shows evidence of coverage of the full Maths curriculum, with opportunities to apply this in different contexts. Feedback from teachers has impact on pupils, by identifying misconceptions, developing skills or posing challenges. Standards in Maths at the end of key stage 1 are in line (and above) with national average and arising issues are addressed effectively in school. The majority of pupils make good progress and additional support is put in place where needed. Children enjoy and are enthusiastic about Maths in our school. They recognise its value and can talk about situations beyond Maths lessons where Maths is used.



FIVE EASY WAYS TO HELP YOUR CHILD
Play a board game
Cook something together
Count – anything & anywhere
Sing a times table song (or make up your own)
Ask “What’s the time?”
See the helping at home section below for more ideas