

Maths Intent

In EYFS

Our intent is:

- To provide children with opportunities to develop and improve on essential life skills such as counting, understanding and using shapes and measure.
- To provide children with opportunities to count and make mathematical links through play, singing and adult guided activities – both indoors and outside.
- For pupils will be confident to use mathematical language and develop patience and persistence when solving problems.

In Key Stage 1

We know that it is challenging for our pupils who are working at the expected standard at EYFS to meet the end of Key Stage 1 expectations due to their ability to understand mathematical vocabulary.

Our intent is:

- To provide pupils with opportunities to develop a greater understanding of mathematical vocabulary and foster an environment where it is ok to make 'good mistakes' because the journey to finding an answer is most important.
- For pupils to be able to confidently apply learnt skills to problem solve.

In Key Stage 2

Our pupils begin KS2 with good fluency skills but are less confident at applying mathematical skills, especially problem solving and reasoning.

Our intent is:

- To develop reasoning skills so that our pupils are confident to apply learnt skills to solve problems, ensuring that pupils attain at least in line as their non-disadvantaged peers.
- For pupils to be able to articulate their reasoning confidently and logically when solving mathematical problems
- For pupils to understand the relevance of what they are learning in relation to real world concepts.

At Brookwood we aim for every lesson to include fluency, reasoning and problem solving.

- **Fluency:** We believe it is important for children to learn and memorise key facts.
- **Reasoning:** We believe that children should be able to give reasons for their answers and to think more critically about their work, justifying their answers.
- **Problem solving & Investigations:** Maths at Brookwood is taught using real life examples and contexts. Children are challenged to solve problems that will help them become active citizens in the world we live in.

Times Tables

At Brookwood, we expect all children to learn their number bonds and times tables. This ability to quickly recall number facts allows children to be more efficient at Mathematics. We have regular 'Times Tables' focus lesson starters to improve the speed and stamina of children. Each term we hold competitions on Times Table Rock Stars for Years 3, 4, 5, 6 and enjoy competing against our partner schools in the Bourne Education Trust.

Please help your child practise their times tables for 10-20 minutes twice a week.