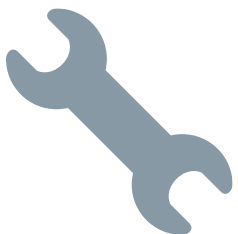


Marshlands Primary School

Our Approach to Teaching Maths

Parent & Carer Information Booklet





Our Maths Beliefs



We want children to become mathematicians who can:

- ❖ Recall key number facts and calculate accurately.
- ❖ Think deeply about the 'why', explain their thinking clearly and justify their ideas.
- ❖ Apply their maths to solve new problems and persevere when things feel challenging.
- ❖ See patterns, make connections and choose the most appropriate strategy to solve a problem.
- ❖ Apply maths confidently in everyday life and are prepared for their futures.

Across school, maths is taught through:

Talk and oracy first

Children are encouraged to discuss their thinking, look for patterns and connections and compare different approaches to problem solving.

Deeper understanding

We use practical resources, visual models and carefully chosen examples to understand why maths works, not just how to complete a method.

Strong foundations

We prioritise secure number sense and fluency so that key facts and methods become automatic. Children build strong foundations that allow them to think more deeply and tackle complex problems with confidence.





Maths at Marshlands



At our school, a typical maths lesson will:

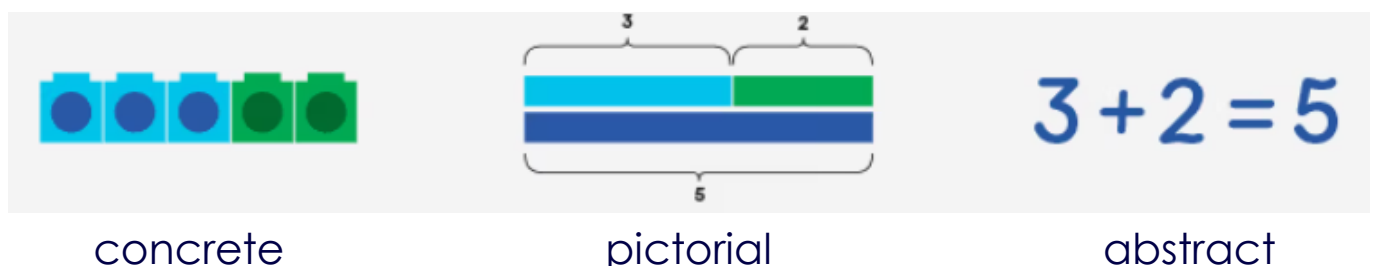
1. Be carefully sequenced in small, connected steps
2. Make use of practical equipment and visual models (counters, place value charts, bar models) to deepen understanding
3. Have whole class teaching with support and challenge built in
4. Have opportunities for talk, reasoning and problem solving
5. Value mistakes as a part of learning.

What do we mean by 'mastery'?

Mastery is about depth, not acceleration, through the year group content. Children stay together as a class and are encouraged to think more deeply about the maths taught in their year. This can mean looking for different ways to show their understanding, making connections and finding patterns as well as justifying their mathematical thinking.

The 'Concrete – Pictorial – Abstract' Approach

- ❖ Concrete – using physical objects
- ❖ Pictorial – drawing and visual representations
- ❖ Abstract – numbers and symbols





Help at Home

Maths is all around us! From shopping and cooking to playing games and telling the time, there are countless ways to help develop your child's understanding in maths.

Everyday activities:

- ❖ Cooking: weigh ingredients, measure liquids and discuss fractions
- ❖ Shopping: Compare prices, calculate totals and work out change
- ❖ Walking: spot numbers, shapes, patterns and symmetry
- ❖ Time: Read clocks, discuss daily routines and calculate how long activities take.

Games:

- ❖ Play board games including counting and moving spaces
- ❖ Use dice and cards to practise number bonds and calculations
- ❖ Play dominoes to recognise number patterns
- ❖ Try games such as Snakes and Ladders, Uno and Monopoly.

Being good at maths isn't about being the quickest. It's about understanding, thinking and being willing to try!

Here are some activity ideas for each stage of school:

Year Group	Useful activities
EYFS	Counting objects, nursery rhymes, sorting toys, recognising shapes, comparing quantities
Year 1/2	Number bonds, counting in 2s, 5s and 10s, using coins, telling the time, simple addition and subtraction
Years 3/4	Times tables, mental calculations, measuring, fractions, money problems and telling the time
Years 5/6	Fractions, decimals, percentages, budgeting, measuring, calculating with money and solving real-life problems

