KS1 Maths Mastery – Parent-Friendly Illustrated Glossary

Maths Mastery

A way of teaching where children learn deeply rather than quickly.

Manipulatives

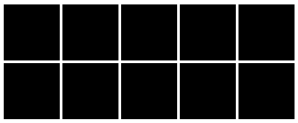
Hands-on objects children use to explore maths.

CPA Approach (Concrete–Pictorial–Abstract)

Objects first, drawings next, numbers last.

Tens Frame

A 10-box grid that helps children understand number bonds.



Number Bonds

Pairs of numbers that make a total.

Place Value

The value of a digit based on its position.

Base 10 (Dienes)

Blocks that show tens and ones.



Numicon

Coloured shapes with holes representing numbers.



Bead String

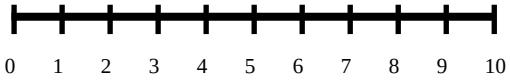
A string of beads grouped in tens.

Counting On

Starting with the biggest number and counting forwards.

Number Line

A line children jump along for adding/subtracting.



Stem Sentence

A sentence to help children explain thinking.

Reasoning

Explaining how you know something.

Fluency

Confidence and accuracy built through practice.

Equal Groups

Early multiplication using same-sized groups.

Variation

Changing one thing at a time to spot patterns.

Bar Model

Using bars to represent parts and wholes.

Difference

The gap between two numbers.

Skipping / Skip Counting

Counting in 2s, 5s or 10s.