

## MATHS – NO PROBLEM! In Reception

Across the course of three terms, MNP presents young mathematicians with a range of small group and whole-class opportunities to explore the key maths concepts that they will need to understand by the end of Reception.

The children will be introduced to some key models for understanding number – such as five and ten frames, number lines and counting on and back on their fingers – and will develop their awareness of how to measure in a variety of contexts. 2D and 3D shapes and repeating patterns are also explored and revisited over the course of the year.

### Key topics and skills for the year:

- Counting up to 20 objects
- Counting forwards and backwards to/from 10
- Recognising and ordering numbers 1-10
- Knowing one more/one less
- Ordinal numbers (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> etc)
- Using the five and ten frames
- Simple measuring of length
- The language of capacity (full, half-full, empty)
- Days of the week and months of the year
- Recognising simple 2D shapes
- Properties of 2D shapes (sides and corners)
- Recognising simple 3D shapes
- Recognising and continuing repeating patterns

As an additional support for childrens' number understanding, we also introduce them to the rekenrek. This is a type of counting frame (similar to an abacus) that helps reinforce and support their understanding of numbers up to 20.