

Mathematical Development Early Years Foundation Stage



The teaching of Mathematics in the Early Years Foundation Stage (EYFS) is split into 2 areas:

- Number, including calculating and problem solving
- Shape, space and measures



- It is vital that your child has secure foundations in early mathematics in order to make good progress.
- Children need to engage with numbers and to see how to use them in their everyday environment for labelling, quantifying and calculating: we want to help them to develop a better understanding of the world in which they live.



Counting is a significant aspect of children's early understanding of number and is the foundation on which quantifying and calculating are built.

When teaching number, there are 2 main parts:

- Numbers (amounts) and numerals (the written form)
- Counting sets (early calculating)



Mathematics in Reception

Early Learning Goal for Numbers

The Early Learning Goal is the Goal that we aim all children to achieve by the end of the Reception Year. The children are assessed against this goal using a “best fit” criteria.

“Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing”.

Keep maths practical and have fun!

- Bath-time (filling and emptying containers, counting)
- Counting rhymes
- Talk about numbers in the environment (eg, front door numbers, number plates, road signs etc)
- Help with the cooking (measuring, weighing, ordering the recipe)
- Setting table places (how many plates/cups etc)
- Paying in shops (including change)
- Estimating amounts (how many apples/sweets?)



Useful resources & websites

Games:

- board games like 'Snakes and ladders'
- card games like snap
- Bingo
- dominoes
- timing children when doing jobs (egg timers)

Websites:

<http://www.topmarks.co.uk/learning-to-count/teddy-numbers>

<http://www.crickweb.co.uk/Early-Years.html>

<http://www.bbc.co.uk/cbeebies/games/numtums-games>

<http://mrcrammond.com/games/gordon/PoppingBalloonsv3sound.swf>

<http://www.ictgames.com/resources.html>