



MATHEMATICS LEARNING IN RECEPTION

There are many ways you can help your child in maths. Adults use lots of maths at home, in everyday activities such as cooking, shopping and DIY. We use a range of maths while spending money, measuring, calculating, and so on. You can talk with your child about every day activities, such as which coins to use to pay for an ice pop, how many oranges you need to buy, and whether or not they are taller than their cousin, brothers or sisters.

On the back of this leaflet you will find a list of things your child will be learning about numbers. In Reception the focus is on accurate counting, knowing which numbers are bigger or smaller than others, and the very beginnings of addition and subtraction. But maths also includes patterns, measuring, shape and space. Your child will learn about all of these.



WAYS TO HELP YOUR CHILD WITH MATHS

- ✓ Helps children with counting to 10

Make a set of number cards from 0-10

0 1 2 3 4 5 6 7 8 9 10

Use them to try these activities:

- Ask your child to place the cards in order.
- When they are in order, ask your child to shut their eyes. Turn over one of the cards. Can they tell you which number it is?
- Try the same thing but with the numbers jumbled up.
- When the cards are in order, ask your child to shut their eyes again. Now swap two around. Can they replace the cards in the correct order?
- Jumble up the cards and hide one. Can your child find out which number is missing?
- Ask your child to choose a number card, then go and collect that many objects. You could have a rule, such as all the objects must be red, or you must be able to wear them.
- When counting try and encourage your child to use 1:1 correspondence. One-to-one correspondence is an early maths concept and involves counting each object in a set once, and only once with one touch per object.



MATHS IN THE KITCHEN

- ✓ Good for numbers, size and problem solving

You can use everyday life experiences in the kitchen to teach maths.

'Put a biscuit on each plate. How many will you need?'

'Can you find me three big potatoes?'

'Can you see if you can find a bigger plate to put the cake on?'

RHYMES AND GAMES

- ✓ Helps children with counting

Number rhymes

Encourage your child to join in with number rhymes. You can adapt the ones you know by using different numbers or different things.

Five Fat Fingers

(Sung to the tune of 'Ten Green Bottles')

Five fat fingers standing in a line

And if one fat finger should accidentally fold

There'd be four fat fingers standing in a line

Four fat fingers standing in a line

and so on...



Buttons and Beads game

(for 2-3 people)

You need an ordinary dice and about 100 small objects, such as buttons, beads, coins or paper clips. Each player needs a small cup, eggcup or small yogurt pot.

Take turns to roll the dice and collect that number of buttons.

The first person to fill up their pot wins!

In Reception your child will be learning to:

- Say one, two, three, four... up to 20.
- Count up to 10 objects.
- Recognise the written numbers 1,2,3,4... up to 10
- Use words to compare things, such as more, less, greater, smaller, heavier, lighter.
- Find one more or one less than any number from 1 to 10.
- Add two small groups of objects (with a total of 10 or less).
- Count how many are left when some objects are taken away.
- Make simple patterns and talk about them.
- Name and describe 2D and 3D shapes such as a circle, square, triangle, rectangle, cube, cone and sphere.
- Use words to describe where things are, such as over, under, above, below, on, in, next to, beside.