

Supporting maths at home

Our simple maths guide are designed to help you as parents and carers to understand what your child needs to know by the end of Reception. It is important that your child has a concrete understanding of these core skills by the end of their year group as this will ensure that they are in line with national expectations. Practicing maths at home can help to improve your child's confidence and mathematical fluency as well as consolidating the learning within the classroom

'Every day maths'

An important part of children's learning in maths involves applying their skills to everyday problems and situations. Encouraging them to practise their maths skills in daily life will benefit them Enormously e.g.

Matching pairs of socks and shoes encourages them to use mathematical language.



Tips and links to help your child be more confident about maths

Use of **nursery rhyme and song** to introduce mathematical concepts: <https://www.bbc.co.uk/rhymes> and counting

Interactive games to support counting/recognition of number and shape, space and measure: <https://www.topmarks.co.uk/reception>

Fun **songs**, clips and activity ideas: <https://www.bbc.co.uk/cbeebies/topics/numeracy>

Maths activities and **worksheets** at home: <https://home.oxfordowl.co.uk/maths/primary-maths-age-4-5-reception/>

Early Maths- **book suggestions**:<https://earlymath.erikson.edu/the-best-childrens-books-for-early-math-learning/>

Number songs and Rhymes are a great way of learning and using numbers.

- 5 Current Buns
- 5 Little Ducks
- 5 Little Monkeys Jumping On The Bed
- 5 Little Space Men
- 5 Little Speckled Frogs
- 1 Man and his Dog
- 10 Green Bottles

Hollydale Primary School

EYFS Maths Information to parents



What does my child need to know by the end of reception?

To have an understanding of numbers to 10, recognising numerals, value and position in counting order.

To be able to subitise/recognise quantities without counting up to 5.

To be able to recall number bonds for numbers 0-5 and for 10.

To understand the concept of doubling/halving and be able to automatically recall double facts up to 5+5.

To have explored patterns of numbers within numbers up to 10, including odd and even numbers.

To be able to compare sets of objects up to 10 in different contexts, considering size and difference.

To have explored shape and pattern. Investigate 2D and 3D shapes, repeating and creating colour and shape patterns.

To understand and be able to use positional language.

To have investigated measurement including size, capacity, length and weight.



Number work at home

Children's number skills can be supported in all sorts of fun ways at home. Board games such as snakes and ladders are a great way of making them familiar with the number system and simple addition and subtraction.

Number

Helping your child to develop their knowledge of number will benefit them enormously. Pointing out numbers around them so that they are able to recognise numerals will help them when they begin to record maths formally later on in their development.

Having a knowledge of what number means e.g. number 2 means 2 ducks, 2 cows, 2 chips etc and being able to count by rote to 10 then 20 will also help them.

When they are able to do this, look at adding 1 more and taking 1 away. And look at counting it 2's and 10's

Puzzles are a great way to encourage the children to look at irregular shapes.

It also helps with their spatial awareness and fine motor skills too!

Shape

You could take your child on a 'shape walk' around Roath Park to see what shapes they can spot. Draw their attention to shapes and colours that you see together.

2D: rectangle, square, circle, triangle

Money

Receiving (and spending!) pocket money can make children very keen learners in this area! Use any shopping trips or play shop to encourage your child to be able to:

Recognise 1p, 2p, 5p 10p coins

Time

Make sure that there are both traditional and digital clocks around the house.

Give them a 'special mission' of telling everyone when tea is ready or when it's bedtime.

Measures

Get your child to help with the washing up! This is a great way of encouraging them to compare different containers for capacity. Encourage them to use comparative language like big, little, heavy, light.

Use positional language such as in front of, next to, underneath. A game of hide the teddy is great for this.