

## Helping your child with maths



### Year R

#### Calculation policy

Please see the school's calculation policies on addition, subtraction, multiplication and division for further information on how these concepts are taught:

[www.draytoninfantschool.org.uk](http://www.draytoninfantschool.org.uk)

#### By the end of year R, most children should be able to:

- count reliably with numbers from 1 to 20, place them in order and say which number is one more or one less than a given number.
- add and subtract two single-digit numbers and count on or back to find the answer using quantities and objects,
- solve problems, including doubling, halving and sharing.
- use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.
- recognise, create and describe patterns.
- explore characteristics of everyday objects and shapes, and use mathematical language to describe them.

In Reception, Maths is taught in a fun and playful way. Children develop an understanding of maths through play and exploration. Most of the maths is practical and learning happens in many different ways around the classroom and in the outside area.

The maths is either teacher led or children can freely explore maths ideas through a variety of different activities and resources set up each day.

#### You can help at home by:

- Looking for numbers whilst walking or on a journey eg house numbers, road signs. Count stairs, count lamp posts on a walk, count 'red' cars on a journey or any everyday objects.
- Playing board games such as snakes and ladders - help children to count on. Play with 2 dice and get your child to add all the spots.
- Using magnetic numbers or number cards. Put them in order. Miss one out of a sequence - do they know which one is missing?
- Singing songs that take away or add things e.g. 1,2,3,4,5 once I caught a fish alive, 10 little monkeys jumping on the bed, 5 currant buns, 5 little men in a flying saucer.
- Throwing balls at numbered targets and adding up scores - who scored the most? The least?
- Playing throwing and catching, counting each catch and comparing scores.
- Asking questions such as 'if I took one away how many would I have left?' or if I add one how many have I got now?
- Encouraging your child to help round the house- e.g. setting the table. Can you count the right number of plates etc. How many more do we need? Can you cut your sandwich into 4 pieces? Can you share the knives and forks between everyone?
- Playing games using websites such as [www.ictgames.com](http://www.ictgames.com) or [www.topmarks.co.uk/maths-games](http://www.topmarks.co.uk/maths-games) (Check you have appropriate security settings).