



Barrowby Church of England Primary School

Key Stage 1 Mathematics: Explaining the written methods for +, -, x and ÷

Addition and Subtraction

- Children will learn to combine and then subtract amounts practically and pictorially. At home, try using everyday items e.g. pasta e.g. 'I have 3 cars I add 2 more.'
- They will use number lines, hundred squares, dienes (tens and ones) and other apparatus to work.
- They will add and subtract in 'ones' moving towards adding and subtracting tens, then 'ones'.

Multiplication and Division

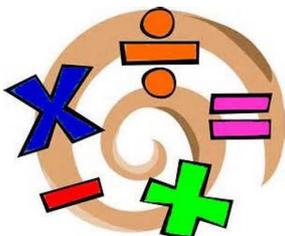
- Children will use make sets of equal amounts and share in to equal groups. They will count on their fingers in multiples (beginning with 2, 5 and 10) and relate this to counting in real life e.g. 10p's, pairs of socks etc.
- They will begin to understand and make their own arrays with pasta, cars, toys or cubes etc. These will help them understand the link between division and multiplication. What calculations can you see in this array of 12 cubes?

Vocabulary

- Your child will be familiar with the words '**digit**' to describe/identify part of a number and '**calculation**' for any of the four operations. The word '**sum**' describes two numbers being added together.

Support at Home—Ideas

- Little and often is ideal and there are plenty of fun activities and games you can do or tasks to include in your everyday routine. Most of all, enjoy maths together!
- **Counting:** Pasta, shells, trees, pennies-encourage them to count things wherever they are!
- **Playing games** such as snakes and ladders to support counting, addition and subtraction. Card games such as Pontoon (21) are great for learning to quickly add small numbers.
- If children are calculating, sometimes they will find it easy to do these in their head or on other occasions they will want to write them down. They may want to draw a picture, write it numerically or in words. Can you explain how you worked that out?
- **Real life number problems:** there are five people in our family, if we have 2 biscuits each, how many will we eat altogether? Money-use real coins. Put them in order of value. Create a real shop and make price tags for items around the home-play at being shopkeeper!
- **Enjoy cooking together and preparing the ingredients.** Show children the scales and let them help you weigh the ingredients.
- **Practise doubling and halving:** if we make double the cakes next time, how many will we have made?
- **Useful websites**
- BBC including KS1 Bitesize: www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml
 - <http://www.ictgames.com/resources.html>
A selection of different games for counting, addition and other concepts.



For more information and support on Key Stage 1 Mathematics, please visit our school website by [CLICKING HERE](#).

Supporting Parents: Striving for Excellence