

<https://www.weareteachers.com/number-bonds/> - Farmer Pete he has 10 sheep



<https://www.topmarks.co.uk/maths-games/hit-the-button> - number bonds to 10



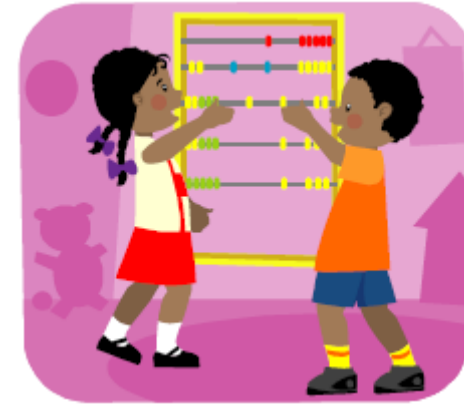
<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Ten-Frame/> - 10s frames



<https://www.ictgames.com/mobilePage/duckShoot/index.html> - count on in 2s and 5s.



# St Matthew's C.E. Primary Academy



Help your child to learn maths facts.

Year 1

Parent's and carer's guide to support children  
with the 'Learning by Heart' programme

Summer Term

## 'Learning by Heart'

Developing children's knowledge of mathematical facts so that they know them 'by heart' is a valuable tool to support calculation strategies, and also helps to build confidence. Regular practice is needed to secure knowledge and help children instantly recall facts.

We encourage children to think 'Can I do this in my head?' Having a range of number facts at their fingertips really empowers the children and enables them to approach tasks with confidence.

Young children need to work practically using apparatus like toys, small objects, coins, etc, this will help children to check their mental work with real materials.

Summer Term 1: Addition Facts for all numbers within 10.

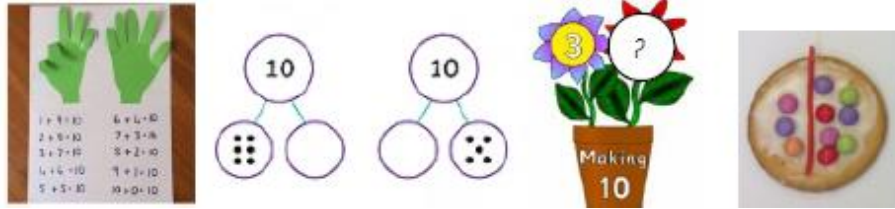
$0 + 10 = 10$	$10 + 0 = 10$
$1 + 9 = 10$	$9 + 1 = 10$
$2 + 8 = 10$	$8 + 2 = 10$
$3 + 7 = 10$	$7 + 3 = 10$
$4 + 6 = 10$	$6 + 4 = 10$
$5 + 5 = 10$	$5 + 5 = 10$

Practical ideas to help your child:

Chanting is still an effective way to learn addition facts.

It is really important that children are as confident with addition number facts as they are in counting forwards and backwards to 10.

Repetition is a very effective way to recall facts and there are a range of online games and resources to help your child practice.



Login to Numbots:

<https://play.ttrockstars.com/auth/school/student>

Or visit:

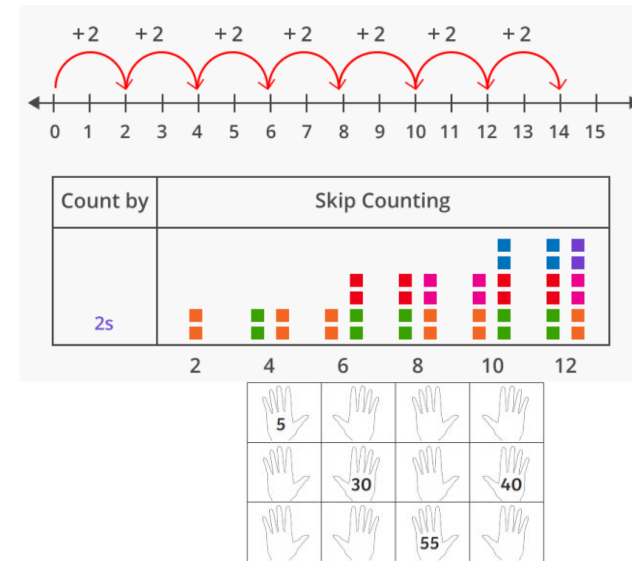
<https://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction>

Vocabulary

add      altogether      total      counting      How many more...?  
plus      equals      more      number bonds

## Summer Term 2: Count in Steps of 2 and 5 from 0 and 1.

Here, we are skip counting by 2 on a number line. So, starting at 0, the next number will be  $0 + 2 = 2$ , then,  $2 + 2 = 4$ , then  $4 + 2 = 6$ , then  $6 + 2 = 8$ , and then, 10, 12, 14, 16, 18 and so on.



Practical ideas to help your child:

When at home, ask children to count objects such as toys in groups of twos, fives or tens.

There are many songs available on YouTube to support counting in twos, fives or tens.

These songs are learnt in class and support children in memory.

- Start counting from zero, count on in 2s – even numbers
- Count groups of objects in 2s e.g. pairs of socks or gloves, eyes, hands, etc
- Start counting from zero, count in 5's – use 5 fingers as a counting aid – discuss the pattern of the numbers e.g. all end in 0 or 5 (units number)
- Once your child is confident counting from zero, try changing the start number to 1, initially the use of a hundred square may help

Children also have a login to Times Table Rockstar's. The website supports children in recalling multiplication facts.

<https://play.ttrockstars.com/auth/school/student>

Vocabulary

count      zero      even numbers      odd numbers