



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

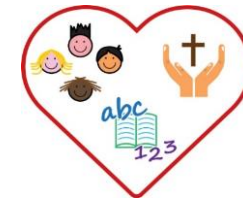


<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

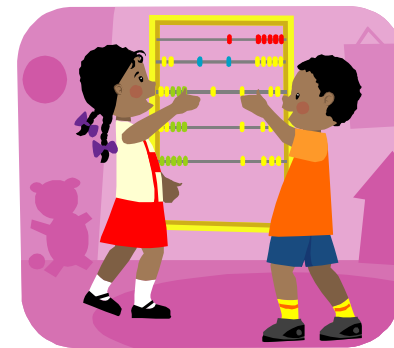


[https://www.bbc.co.uk/bitesize/articles/zk\\_jv382](https://www.bbc.co.uk/bitesize/articles/zk_jv382)

St Matthew's C.E. School and Nursery



# Help your child to learn maths facts Year 1



Parent's and carer's guide to support  
children with 'Learning by Heart'  
programme  
Spring 2022

## '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.

### Spring Term 1: Know all doubles to double 10 and halves to 20.

Halves	Number	Doubles
$\frac{1}{2}$	1	2
1	2	4
$1\frac{1}{2}$	3	6
2	4	8
$2\frac{1}{2}$	5	10
3	6	12
$3\frac{1}{2}$	7	14
4	8	16
$4\frac{1}{2}$	9	18
5	10	20

### Practical ideas to help your child

- Encourage children to make links:

Doubling → multiplying by 2

Halving → dividing by 2

Great computer program:

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- Regular 5 / 10 minutes practice, quick-fire questions.
- 'Speed challenge': how many doubles and halves can you get right in 3 minutes? (using kitchen timer).
- Progress to 'Beat your record': can you get 5 more right than yesterday?

### Vocabulary

double	multiply by 2	times by 2	x2
halve	divide by 2	÷ 2	partition
hundreds	tens	ones	derive

### Spring Term 2: Count on and back in steps of 2s from any given number

### Practical ideas to help your child

- Start counting from zero, count on in 2s – even numbers
- Start counting from one, count on in 2s – odd numbers
- Start at 20 and count back in 2s e.g., 20, 18, 16, 14, etc
- Start at 19 and count back in 2s e.g., 19, 17, 15, 13, etc.
- Count groups of objects in 2s e.g., pairs of socks or gloves, eyes, hands, etc

### Vocabulary

Count on	count back	zero	even numbers
odd numbers	pair	ones	pattern
	one-digit numbers	two-digit numbers	

Count on and back in 2s and splat paint on the numbers -

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

Videos showing guidance count on and back in 2s.

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