

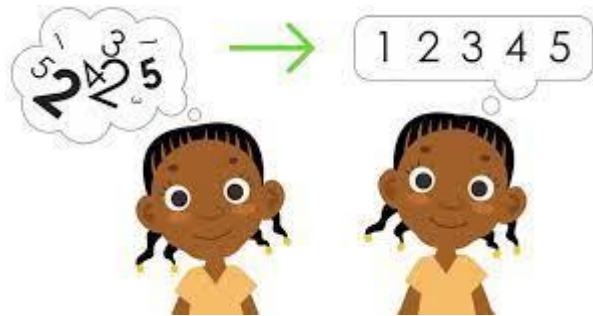
'Learning by Heart'

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: Say numbers in order.



Practical ideas to help your child

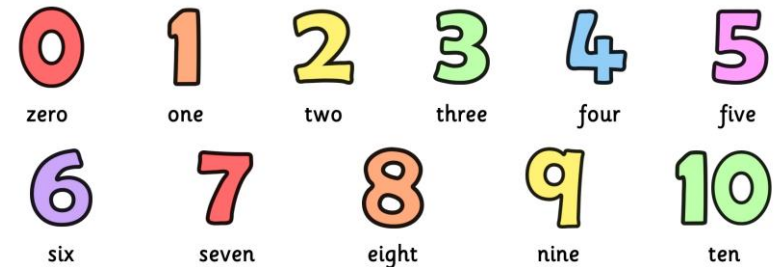
Chanting is still an effective way to learn numbers to 10. Children often learn the 'rhythm and rhyme' of a song quite quickly and therefore learn to recite and recall the facts. So, YouTube is a great way to access counting songs.

- Practice counting forwards and backwards to 10.
- Choose a random number within 10 and count on.
- Practice counting objects using numbers within 10.
- Practice representing groups of objects by writing numerals within 10.

Vocabulary

count forwards backwards more less

Summer Term 2: Count and recognise numbers in order.



Practical ideas to help your child

Encourage your child to count regularly. Model counting to 10 and, where possible, count whilst pointing to the numeral.

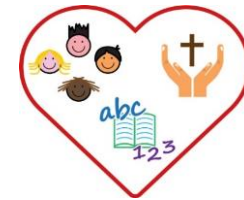
Ask your child if they know what comes next. Chanting to 10 will cement your child's knowledge of the number system, making it easier for your child when they progress into Reception.

- Encourage your child to count to 10, independently.
- Show your child an individual number and ask if they can name the number.
- Model writing numbers to 10 and encourage your child to copy, if possible.
- Openly discuss the number pattern.

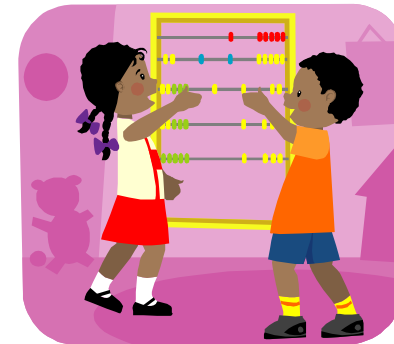
Vocabulary

count forwards backwards more less
pattern number

St Matthew's C.E. School and Nursery



Help your child to learn maths facts.
Nursery



Parent's and carer's guide to
support children with the
'Learning by Heart' programme
Summer 2021