

Numbers in Early Years -Parents in Partnership workshop

Mrs Balaban- Nursery teacher,Early Year Leader

Mrs Smith - Reception teacher

Numbers in Early Years

By the end of Nursery ...

Children will be able to

- use some number names and number language spontaneously
- enjoy number rhymes and songs
- recite numbers to 5
- subitise (recognise quantities without counting) to 3
- show finger numbers up to 5
- count in 1 to 1 correspondence up to 5
- use language such as 'more,'fewer than' to compare quantities up to 5
- know that the last number reached when counting a small set of objects tells you how many there are in total (cardinal principle)

By the end of Reception ...

Children will be able to

- have a deep understanding of number to 10, including the composition of each number
- recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10
- subitise to 5
- verbally count beyond 20, recognising the pattern of the counting system;
- compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity;
- explore and represent patterns within numbers up to 10, including even and odd numbers , double facts and how quantities can be distributed equally (sharing equally)

Learning numbers in Early Years

- numbers need to be real and meaningful to the children
- children need to be given first hand experiences and the chance to repeat and revisit the activities to understand how numbers work in context
- numbers are purposeful and they can be used for labelling ,counting , describing quantity , measuring



Supporting children at home

There are many ways that you can build learning activities into everyday routines to support you child's numeracy skills.

- Talk about numbers around you
- Enjoy singing number songs and rhymes
- Read a book with your child
- Count as much as you can e.g. count how many steps there are from the gate to the front door or around the garden; as you tidy up, encourage your child to count toys and books.
- Count how many different things you can spot when you are out and about
- Count how many star jumps or hops you and others in your household can do.
- Play board maths games which need the use of dice e.g. ludo or snakes and ladders.

Helpful links

<https://home.oxfordowl.co.uk/maths/maths-at-home/>

<https://www.topmarks.co.uk/maths-games/3-5-years/counting>

<https://www.bbc.co.uk/bitesize/primary>

Thank you for your
time.

Any questions?