Reception Maths Café





EYFS - Mathematics

In the EYFS children are working towards these Early Learning Goals:

ELG: Number

- Have a deep understanding of number to 10, including the composition of each number.
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

ELG: Numerical Patterns

- 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 evens and odds, double facts and how quantities can be distributed equally.

Learning through play at school and home

- Play is essential in teaching and consolidating in maths.
- Many of the maths objectives within
 Development Matters can only be developed during free play.
- Play enables children to be independent and remain curious.



Learning through play at school and home

By setting up and supporting activities in the environment, children are not only learning about one specific maths objective, they are also learning so much more in other areas of learning; the possibilities are endless!









Mathematical Language

- Lots of maths language for example more, less, big, small, wide, thin and positional language needs to be modelled by adults for children to learn and it is so much more effective if it's during authentic play experiences.
- This can be replicated at home when doing every day activities.



Problem solving, reasoning and pattern

- Loose parts are not only ulletamazing for helping children to develop creativity, problemsolving and reasoning skills, but are also perfect for developing and embedding pattern creating.
- Construction is another area where children can learn these undervalued skills.





Pattern

- Patterns are central to maths and children have an instinctive idea of patterns.
- Research shows that children's ability to see patterns forms the basis of early mathematical thinking.
- It will help children to make their own predictions and form logical connections.







Ideas to help at home

Sing number songs and nursery rhymes Play board games such as Orchard Toys

Engage in imaginative play with your child Cook with the children – they can help measure out ingredients.

Use NumBots

Go on a number or shape hunt at home

Match socks by size and colour

Thread beads on a string.