

Learning To Succeed Together

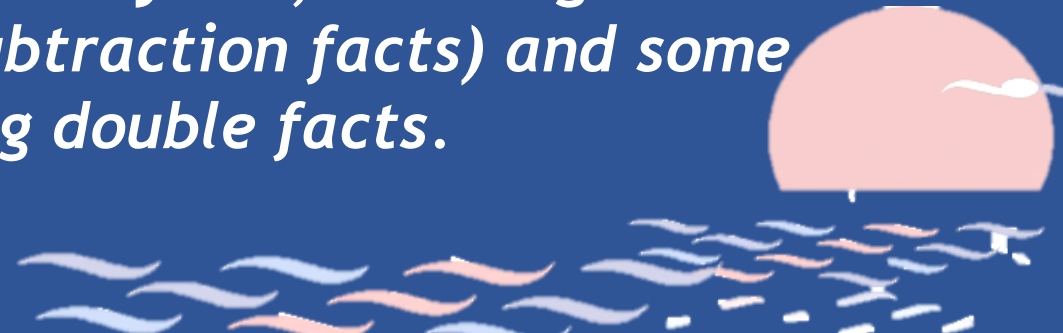
Reception Maths Stay and Learn

Number ELG

Today we will be looking at how young children develop their Maths skills.

Number Early Learning Goal:

- *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.*

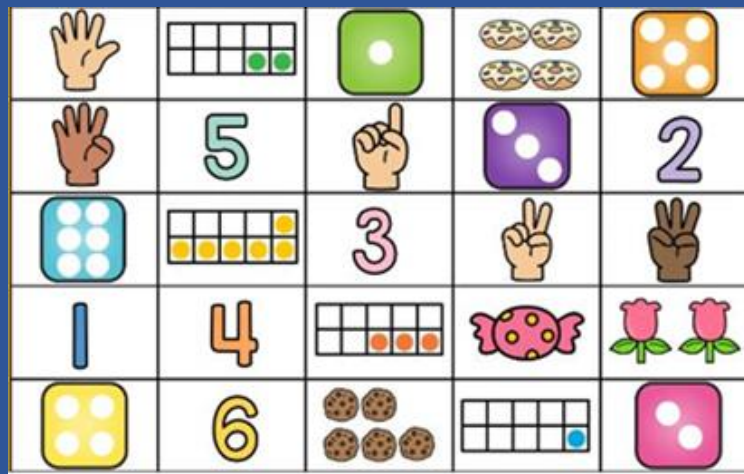


Subitising

In order for children to develop fluency and calculate successfully and quickly, children need to be able to 'subitise' well.

This means they need to be able to recognise how many spots there are on dice, dominoes and Numicon etc. instantly without counting them.

Eventually, the children will imagine these images in their head, helping them to calculate.





Numerical Patterns ELG

Numerical Patterns Early Learning Goal:

- *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*



How we teach Maths in Reception

Maths happens both indoors and outdoors through a wide range of practical activities using lots of concrete resources.

Children are taught in a whole class carpet session focused on a particular area of their learning.

Children then have the opportunity to practise those skills and choose from different indoor and outdoor activities all based around the skill they have just learnt.

Child initiated play.

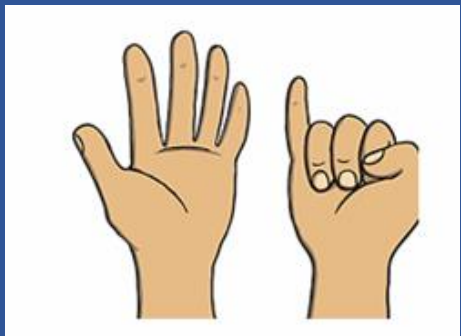
Adult led group tasks.



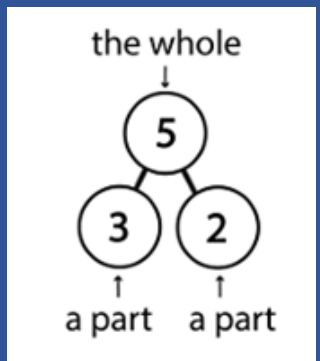
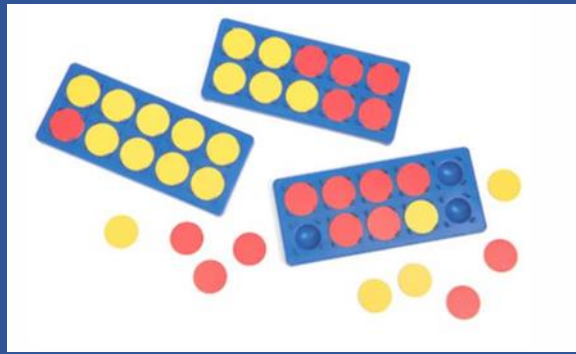
How we teach Maths in Reception

- *Through Songs “1,2,3,4,5 Once I caught a fish alive”.*
- *Talk about counting on, altogether, one more etc*
- *Matching numbers to objects up to 20*
- *Illustrate number stories with number sentences*
- *Representing numbers e.g. making marks or using their fingers*
- *Counting on fingers in a consistent way*





Maths Resources



What you can do at home

- *Point out where Maths exists in real life to support children with mathematical language and to help their understanding.*
- *What shapes can they see?*
- *Which size saucepans do we need for cooking?*
- *When walking past houses on the way home from school, what is happening to the door numbers? Are they getting bigger or smaller?*
- *How much pizza has been eaten?*
- *Count the pairs of socks on the washing line.*
- *Measuring themselves.*
- *Allow them to play in the bath with different sized containers.*
- *Let children make up their own games and decide how to score points*
- *Counting objects can be made from Lego, small figures, rubber ducks, buttons, coins*
- *Building blocks are great for talking about measurement, the difference between 2 numbers, adding blocks etc.*
- *Their fingers! Encourage them to count on and count back, add and subtract using their fingers.*
- *Ask questions such as “How many more?”, “How many altogether?”, “How many would I have if?”*
- *Deliberately make mistakes*
- *Story books- Look for the Maths!*



Learning in Reception

Learning in Reception looks less like this...



and more like this...



Now let's go and see it in action!

