



Nurturing Numeracy

Estimation

Real-life, purposeful and contextual play experiences are key to children developing their numeracy skills. Children must feel confident and trusted to investigate real and interesting resources where they can explore mathematical thinking and understanding. Both at home and in the local community, there is a wealth of opportunity to explore numeracy and create a positive impact for your child.

This pack contains suggestions of experiences that you can participate in with your child. Choose as many as you like or even create your own. Give your child the opportunity to mark make during these experiences, free from correction.

We encourage you to have lots of fun together and share your numeracy experiences with us in writing or through photos!



Experiences

- Gather some small objects such as pasta, pom-poms, coins, conkers, etc. Lay them in one pile, count to three then grab what you can from the pile. Can you guess who has the most/ least? How do you know?
- Gather a variety of different waterproof objects. Use a large container, the bath or the sink to fill with water. Choose an object at a time and guess if it will float or sink before dropping it in the water. What happened? Why?
- Try and guess a distance while on a walk or car journey. Can you measure it? What with? Maybe some giant steps or tiny fairy feet! You could even time yourself using the stopwatch.
- Listen to the suggested story together. Available as read aloud on YouTube.

Story

'Stuck'
by Oliver Jeffers

Skills

language, cognition,
problem solving,
self-regulation, critical
thinking, creativity...

Mathematical Language

heavy	light	fast
slow	full	empty
more	less	guess
big	small	

Share

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Chatterbox Form

<https://forms.office.com/r/nLv6tdbUt>

Useful online resources to support numeracy skills....

BBC Bitesize – Maths and Numeracy – Early Level

<https://www.bbc.co.uk/bitesize/subjects/zrnbwty>

Top Marks – Maths – Early Years

<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=1>

Cbeebies – Numeracy

<https://www.bbc.co.uk/cbeebies/topics/numeracy>

Jack Hartmann – Kids Music Channel

https://www.youtube.com/watch?v=u4_L7CM46M4&list=PLQK2XiUY9C2gy5dW3PGSPtEAGUXxGpUF6

Cosmic Kids Yoga

[Cosmic Counting \(Peace Out: Guided Meditation for Kids\) | Cosmic Kids - YouTube](#)

NZ Maths – Maths kete

<https://nzmaths.co.nz/mathis-kete>



Created with reference to Kym Scott, 'Making Maths Matter', 2020 – Dr Jo Van Herwegen, Child Development Lab, UCL, 2021.