



Nurturing Numeracy

Pattern

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

- Try to spot any patterns in your home or outdoors. Can you describe them?
- Create a mandala. You could use toys, sticks, bottle tops, anything at all!
- Create a colour pattern. You could draw it or use blocks, buttons, beads, etc. What comes first/ next? Can you repeat it?

Can you do the same using shape, size, etc?

- Listen to the suggested story together. Available as read aloud on YouTube.

Story

'Chameleon's Colors'
by Chisato Tashiro

Skills

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

Mathematical Language

same different stripy
spotty wavy match
add more pattern
repeat

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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/mathys-kete>

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

