



Nurturing Numeracy

First level (Primary 2-4)

Addition and Subtraction

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 write during these experiences, free from correction.

We encourage you to have lots of fun together and share your numeracy experiences with us!



Experiences

- Can you find any number sequences or patterns at home?
- When do we add and subtract outside of school?
We add when we count money.
We subtract when we work out change at a shop.
Can you think of any other times?



- Practise addition and subtraction using playing cards, dominoes and any loose parts e.g., pebbles, cones, twigs, building blocks, pasta etc.
- Have a sing-along to a number song. Here are some examples,

[Count to 1000 by 1s](#) | [Math Chant Learn Numbers](#) | [Dream English Kids – YouTube](#)

[Let's Learn Our Addition Facts 1](#) | [Addition Song for Kids](#) | [Math for Children](#) | [Jack Hartmann – YouTube](#)

[When You Subtract with a Pirate \(subtraction song for kids\) – YouTube](#)

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

Story

[Sixteen Runaway Pumpkins](#)
[By Diane Orchiltree,](#)
[#kidsbooksreadaloud w/Music!](#)
[Fall and Harvest Books -](#)
[YouTube](#)

Skills

language,
problem solving,
reasoning, critical
thinking, creativity...

Mathematical Language

forwards backwards
orders sequence
add subtract
more less

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Chatterbox Form

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

Useful online resources to support numeracy skills....

BBC Bitesize – Maths and Numeracy – First Level
[1st level Maths and Numeracy - Scotland - BBC Bitesize](#)

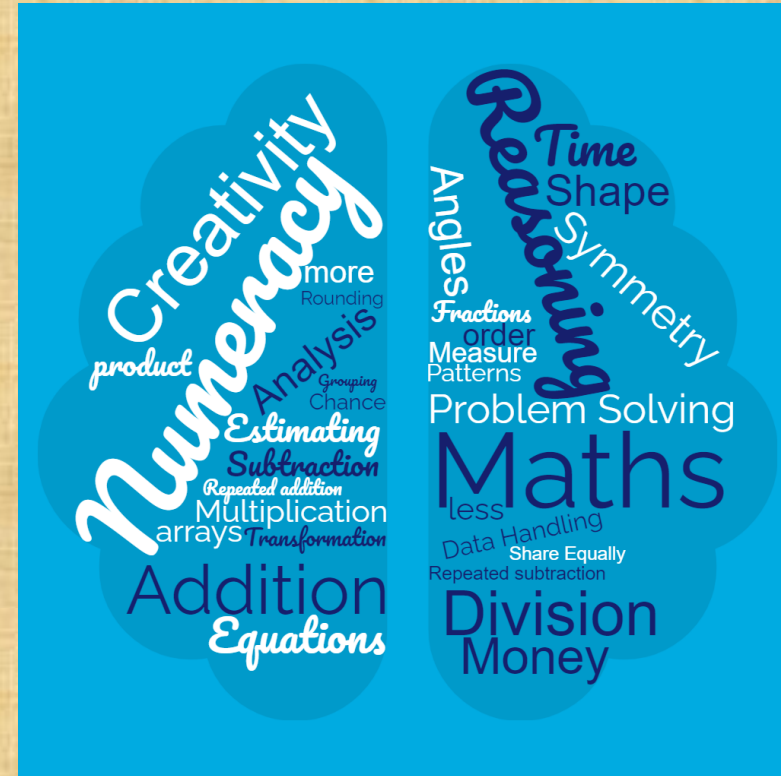
Top Marks – Maths – First Level
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=2>

NRICH Maths- First and Second Level
<https://nrich.maths.org/9084>

Crickweb- Numeracy - First Level
<http://www.crickweb.co.uk/ks1numeracy.html>

Sumdog - First and Second level
<https://www.sumdog.com/sch/wallacestone>

NZ Maths – Maths kete
<https://nzmaths.co.nz/maths-kete>



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