



Nurturing Numeracy

First level (Primary 2-4)

Information Handling

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

- Go outside and collect what you can find e.g. leaves, twigs, pine cones, feathers, litter.
 - Sort your information using a tally chart- you can draw this on the ground with chalk or use paper.
 - How will you display the data? You could use a block graph, bar graph, Carroll diagram or Venn diagram. You could draw these or use digital technology.
 - What is the title? Can you label both axis?
- Create a survey or questionnaire on your chosen topic and ask members of your family to complete it. What did you discover?
- Sort your toys using a Venn diagram or Carroll diagram. What criteria will you use? E.g. Toys with wheels and soft toys.
- Listen to the suggested story together.

Story

Tally O'Malley -
YouTube

Skills

language,
problem solving,
reasoning, creating,
comparing...

Mathematical Language

charts diagrams bar graphs
tables survey questionnaire
group tallies block graphs
carroll diagrams
venn diagrams
title axes scale

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

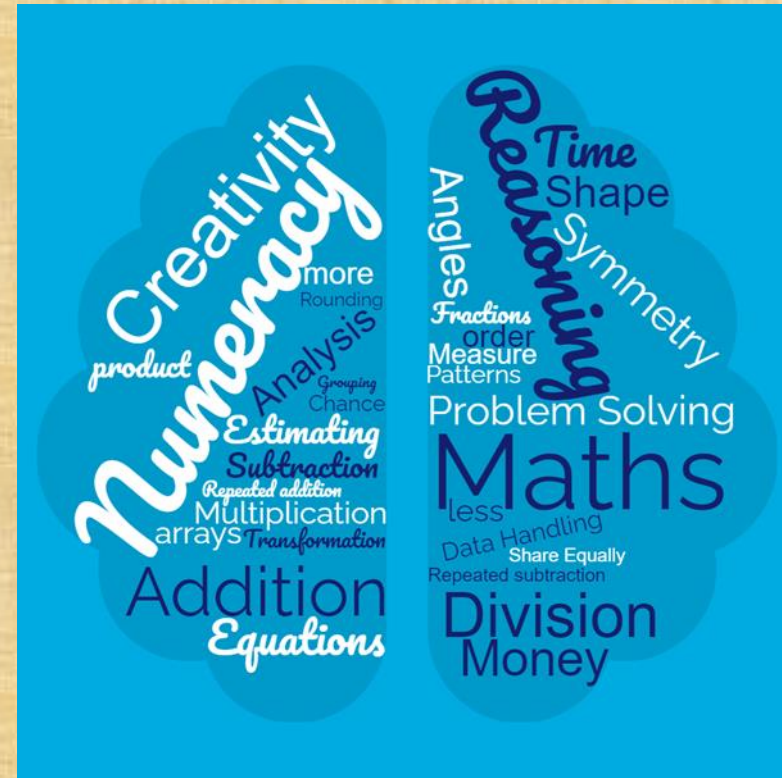
Top Marks – Maths – First Level
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=2>

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