



Nurturing Numeracy

First level (Primary 2-4)

Measurement

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

- Measure the **length** of your toys using everyday objects e.g. pasta shells, Lego, beads etc.
- Measure the length and **height** of your toys using a ruler – will you use millimetres or centimetres?
- Help to bake a cake – use the measuring scales to find the **weight** of the ingredients.
- Fill different containers with water e.g. empty yoghurt pots, milk bottles, cups, lunchboxes. Can you find the **capacity** of each container using a measuring jug? Will you use millilitres or litres?
- Go on a unit of measure hunt in your home – look on different food packaging to find grams, kilograms, millilitres and litres.
- Draw different 2D shapes – use everyday objects e.g. drawing pins, Lego bricks, pasta shells, beads, to measure and compare the **area** of each. Do any of the shapes have the same area?
- Listen to the suggested story together.

Story

IS A BLUE WHALE
THE BIGGEST THING
THERE IS? - YouTube

Skills

language,
problem solving,
reasoning, estimating,
comparing...

Mathematical Language

length height ruler
millimetres centimetres
metres weight grams
kilograms
capacity millilitres litres
compare estimate area

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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](#)

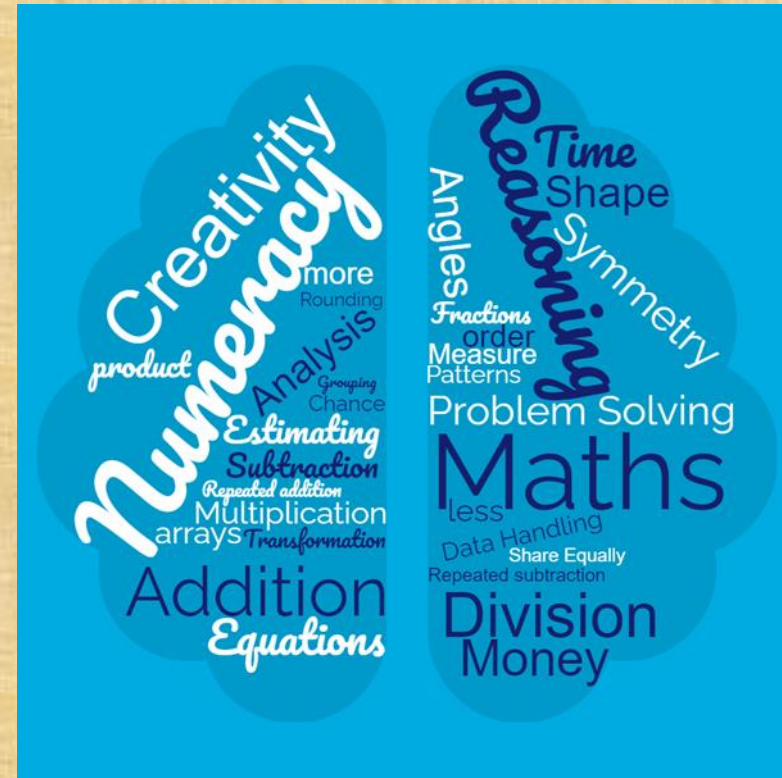
Top Marks – Maths – First Level
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=2>

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