



Nurturing Numeracy Second Level (P5-7)

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** and **height** of your toys using a ruler – will you use millimetres or centimetres? Can you convert your measurements to metres?
- Help to bake a cake – use the measuring scales to find the **weight** of the ingredients. Weigh yourself using a different type of scale – how many kilograms or stone are you?
- 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 – measure and compare the **area** and **perimeter** of each. Do any of the shapes have the same area?
- Find cubes or cuboids in your home. Measure the volume using cubic centimetres (cm³). Can you convert your measurements to cubic metres (m³)?
- Listen to the suggested story together.

Story

Racing Around A Book About
Perimeter - YouTube

Skills

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

Mathematical Language

length height millimetres
centimetres metres kilometres
weight grams kilograms
capacity millilitres litres
compare estimate area perimeter
square centimetres square metres
cubic centimetres cubic metres miles
stone

Share

@WallacestonePS #Falkirknumeracyforall

Chatterbox Form

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

Useful online resources to support numeracy skills....

BBC Bitesize – Maths and Numeracy – Second Level

[2nd level Maths and Numeracy - Scotland - BBC Bitesize](#)

Top Marks – Maths – Second Level

[Key Stage 2 Maths - Topmarks Search](#)

NRICH Maths- First and Second Level

<https://nrich.maths.org/9084>

Crickweb- Numeracy - Second Level

[Crickweb | Key Stage 2](#)

Sumdog - First and Second level

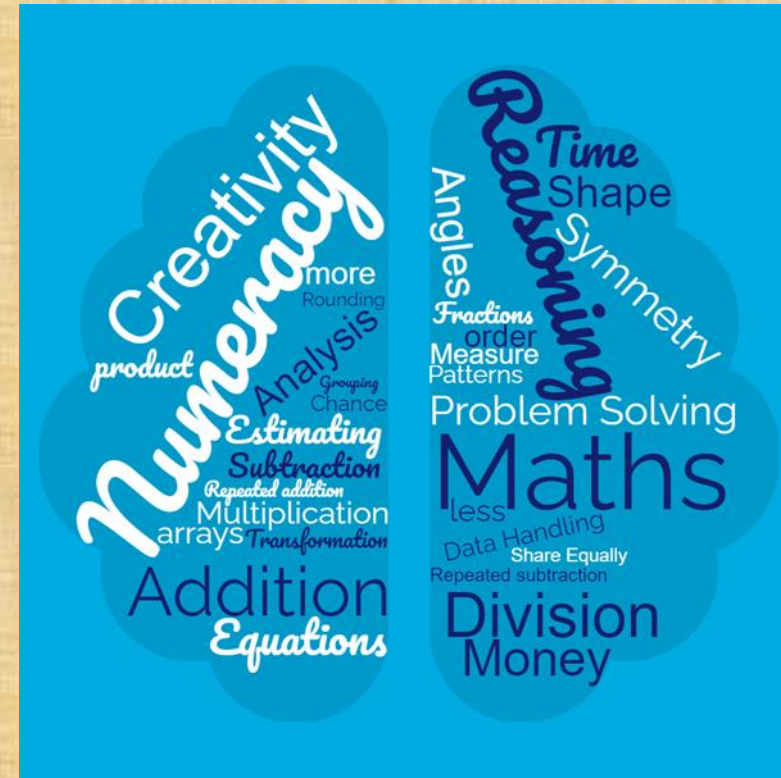
<https://www.sumdog.com/sch/wallacestone>

NZ Maths – Maths kete

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

Same surface Different Depth Maths Problems - Second Level

<https://ssddproblems.com/>



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