



Nurturing Numeracy Second Level (P5-7)

Shape

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 on a shape hunt to identify different 2D and 3D shapes in the home and outside.
 - How many sides and vertices do the various 2D shapes have? Are the shapes regular or irregular? Which types of angles can you find within the shape?
 - How many faces, edges and vertices do the 3D shapes have?
 - Practise drawing 2D and 3D shapes.
 - Create 3D shapes using blocks, Lego, play doh, junk modelling etc.
 - Search your house and the environment for tiling patterns – which shapes are used? Which shapes are used in nature? For example, Bee hives.
 - Draw 2D shapes and cut them out– can you create a tiling pattern with 2 different shapes?
 - Can you create 3D shapes out of paper or card by drawing their nets?
 - Recap the parts of a circle by clicking this link [Circle \(mathsisfun.com\)](https://www.mathsisfun.com/circle.html)
- Listen to the suggested story together.

Skills

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

Story

Mummy Math an
Adventure in Geometry
by Cindy Neuschwander
- YouTube

Mathematical Language

properties side face edge
vertex base angle
tiling pattern
2 dimensional
3 dimensional nets
regular irregular diagonal radius
diameter circumference

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

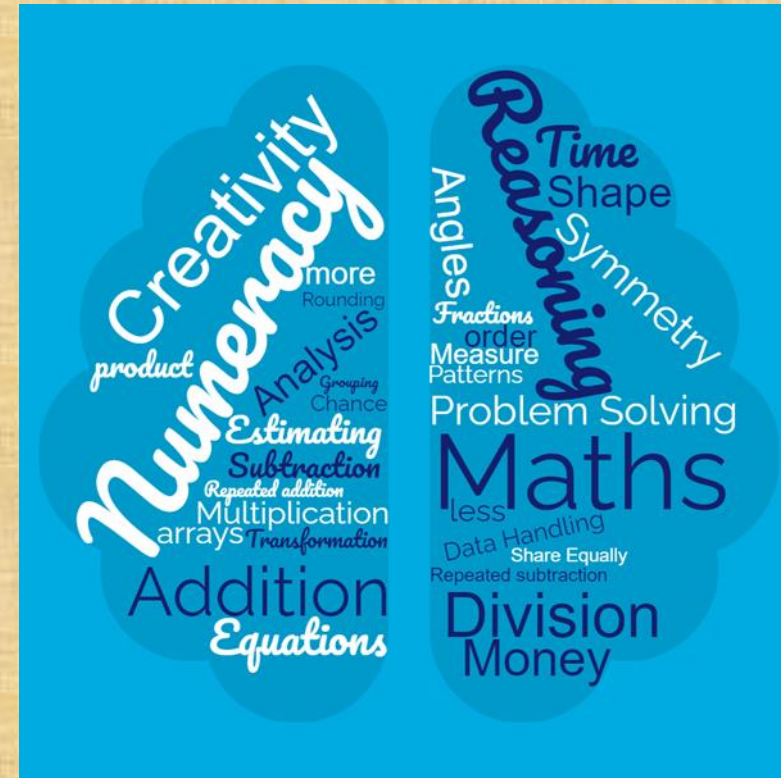
<https://www.sumdog.com/sch/wallacestone>

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