



Nurturing Numeracy

First level (Primary 2-4)

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? 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?
- Listen to the suggested story together.

Story

Tangled: A Story about
Shapes by Anne Miranda
<https://youtu.be/SnPdXiOm6JM>

Skills

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

Mathematical Language

properties	side
face	edge
base	angle
vertex	
tiling pattern	
2 dimensional	
3 dimensional	

Share

@WallacestonePS #Falkirknumeracyforall

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

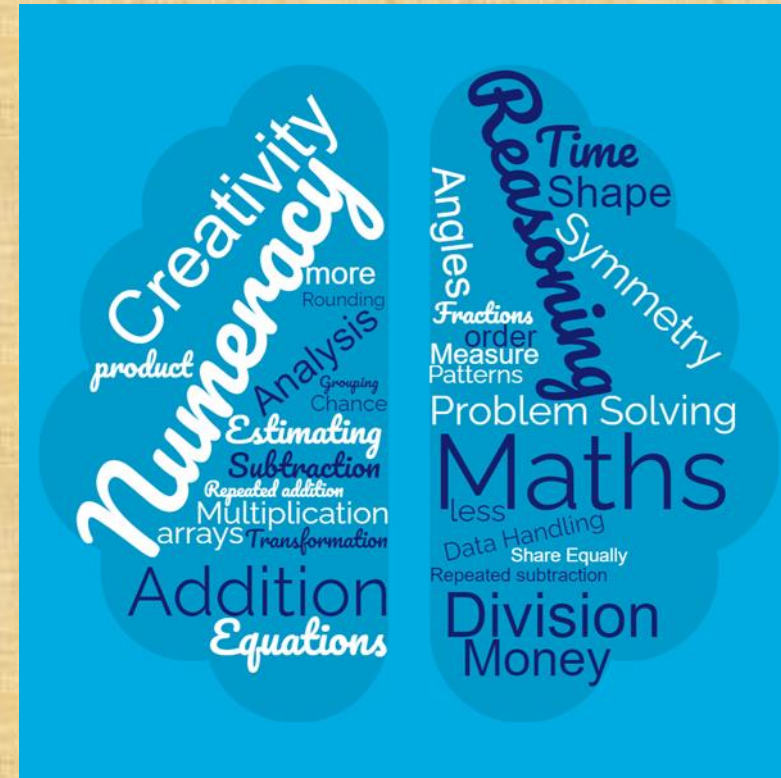
Top Marks – Maths – First Level
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=2>

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