



Nurturing Numeracy

First level (Primary 2-4)

Multiplication and Division

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.

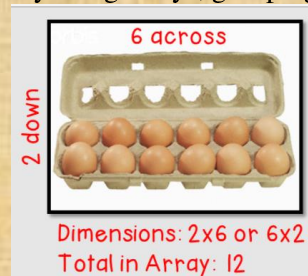
This pack contains suggestions of experiences that you can participate in with your child. Choose as many as you like or even create your own. Give your child the opportunity to write during these experiences, free from correction.

We encourage you to have lots of fun together and share your numeracy experiences with us!



Experiences

- When do we multiply and divide outside of school?
We **multiply** when we want to add quickly using arrays, grouping or repeated addition.
A carton of eggs is an array.
Can you go on an array hunt around your home?



We **divide** when we share sweets or toys equally with our friends.
Practise dividing at home by sharing or grouping food, money, toys or any loose parts e.g. pebbles, twigs, pasta, bottle tops etc.

- Have a sing-along to a number song or rhyme. Here are some examples,

[Multiplication Mash Up - A Fun Way to Learn Your Multiplication Facts! - YouTube](#)

[Division Song - Great INTRO to new unit! - YouTube](#)

Can you think of any others?

- Listen to the suggested story together. Available as read aloud on YouTube.

Story

[One Hundred Hungry Ants](#)
[Read Along - YouTube](#)

Skills

language,
problem solving,
reasoning, critical
thinking, creativity...

Mathematical Language

multiply product arrays
grouping
repeated addition
divide shared equally
repeated subtraction

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](#)

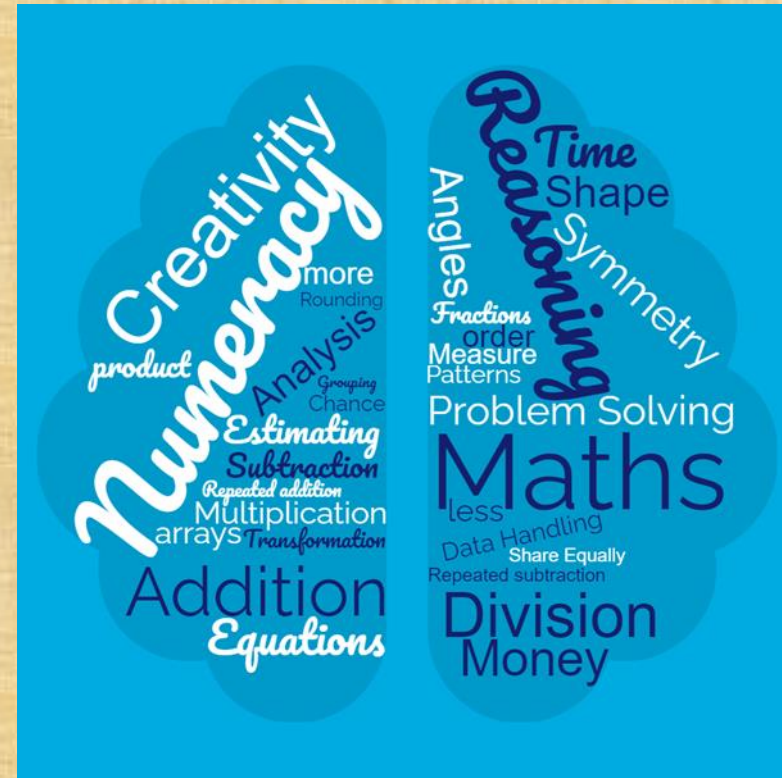
Top Marks – Maths – First Level
<https://www.topmarks.co.uk/Search.aspx?Subject=16&AgeGroup=2>

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