

Maths in the Early Years



I like
counting.

Mathematics will include greater clarity to counting and comparing quantities in the Numerical Patterns ELG. Government will proceed with its focus on number and numerical patterns within the mathematics ELGs as the strongest predictor for later maths outcomes. Practitioners and teachers will still be required to teach children about shape, space and measures, as part of a well-rounded curriculum, as set out in the revised mathematics educational programme.

End of Reception Goals

Early Learning Goals

- Have a deep understanding of number to 10, including the composition of each number
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.
- Verbally count beyond 20, recognising the pattern of the counting system.
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally

Steps to Success!

Number names and
order counting by rote

Songs and rhymes for repetition (counting forward and back)

1,2,3,4,5,
once I
caught a
fish alive....

10 green
bottles
hanging on
the wall....

5 little speckled
frogs sat on a
speckled log...

Teddy Bear
powerpoint...

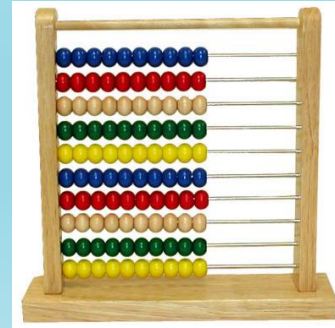
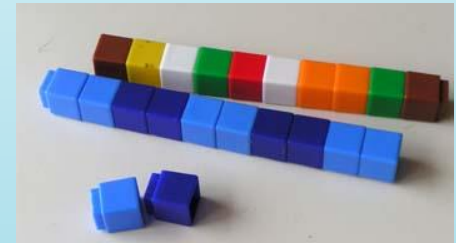


One to one correspondence (purpose and context for counting)



How do we teach it?

- Resources around the classroom to develop skills and provide challenge...



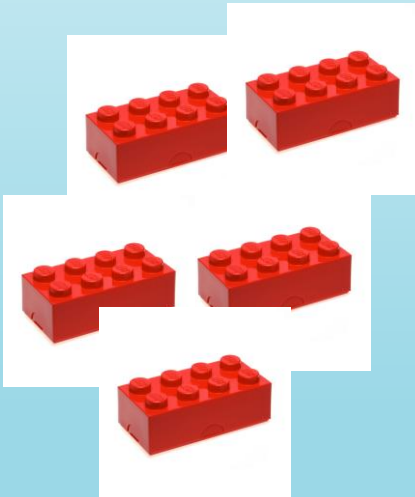
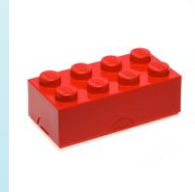
Daily Maths Sessions

Shawn has
muddled up
the pasta pots
can you help
me sort
them...

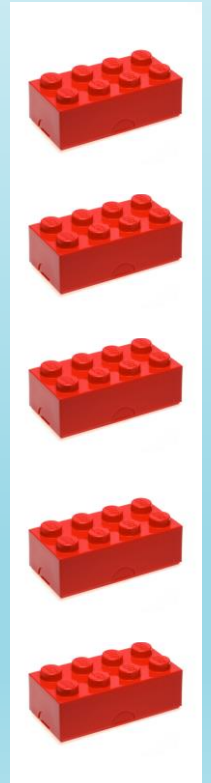
I need 12 marbles
in the jar, let's
count them in...

Count the
stickers on
your shoes and
find your
matching
partners...

Number permanence.....



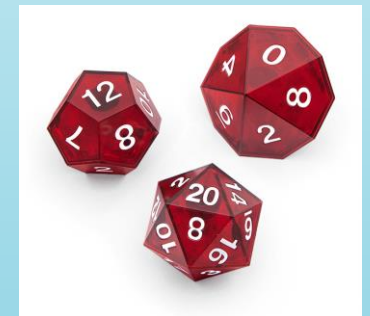
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Matching amounts to numerals and vice versa...

Mnemonics -

- All the way down and then your done, that's the way to make a....
- Round and back on the railroad track,
- Round the tree and round the tree, that's the way to make a ...



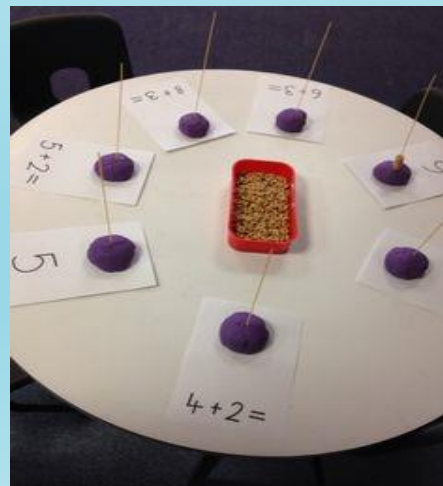
0	1	2	3	4	5	6	7	8	9	10
										

Adding and Taking Away (also use 'Subtraction')

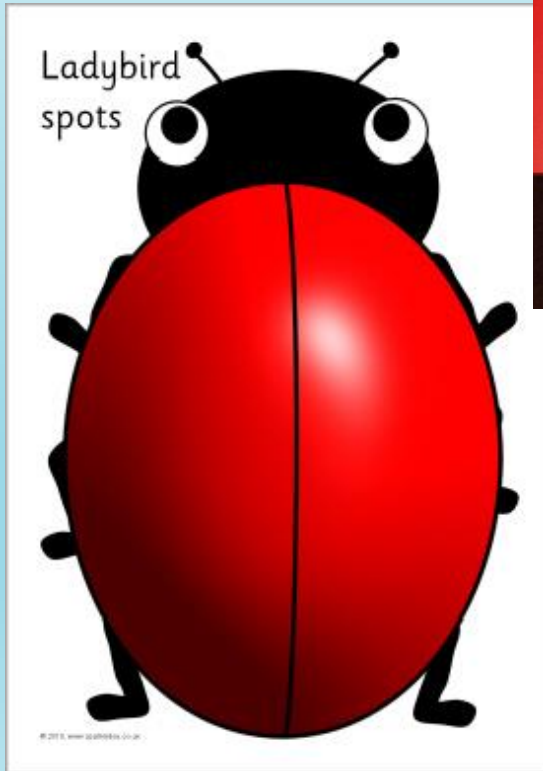
Make
the
actions
with
your
arms + -



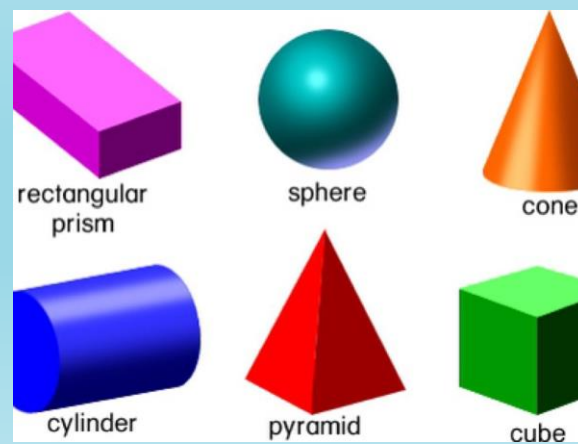
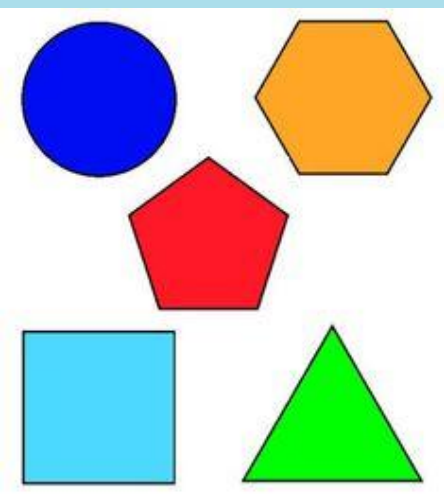
Put the first
number in your
pocket and
count on....



Doubling, halving and Sharing...



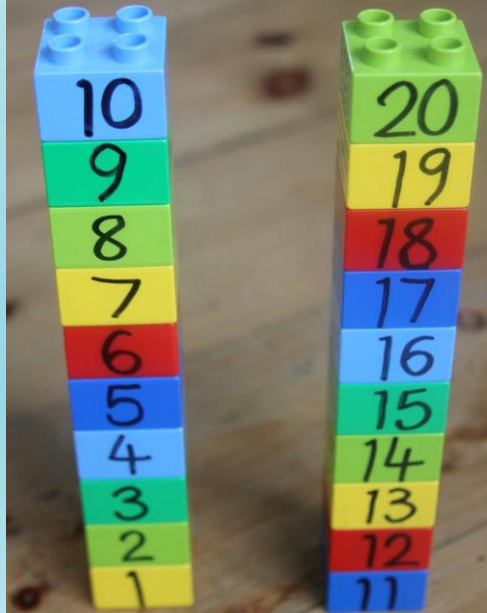
Shape




Space and Measure








Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday



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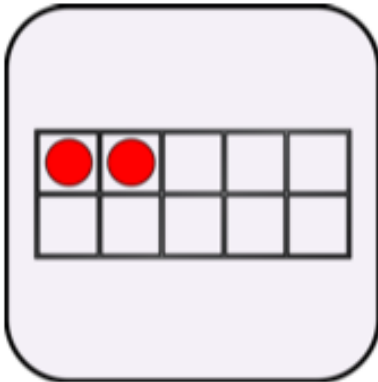
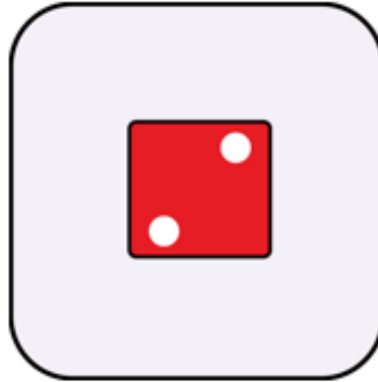
Building strong foundations in early years maths

High-quality resources that align perfectly with the new early learning goals.

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Match the number.



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White Rose Maths Session



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White Rose Education

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1-minute maths app

Designed for use both in class and at home, our **1-minute maths** app helps children build greater number confidence and fluency.



Google Play

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1-Minute Maths - Apps on Google Play

1-Minute Maths is a free app that helps children build number confidence & fluency through engaging, **1-minute** tasks. An accessible tool for children to ...

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Apple

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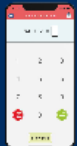




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White
Rose
Maths



Subitising



Addition



Subtraction



Multiplication



Thank you!!!

- Thank you for showing your enthusiasm for your child's learning by coming to this workshop
- We want to work together to provide the best learning for your child
- Any Questions?