

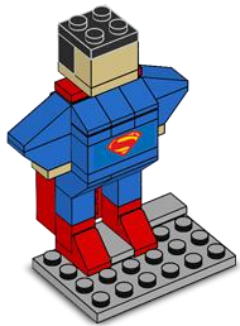
# Welcome

This Maths Workshop is designed to.....

- Give parents/carers an insight into 'Mathematical Development' for Reception children
- Clarify use of mathematical language and concepts
- Find out what the expectations are in Maths for your child by the end of their Reception year
- Lay the foundations of effective home support in Maths

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# How might your child already be developing their mathematical skills?



- Spotting numbers, shapes and patterns on birthday cards
- Building with shapes
- Problem solving
- Singing number rhymes, stories and songs
- Counting and using mathematical language
- Using capacity language e.g. with diggers, sand or water play



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# Use of Mathematical Language

Language of:

number and calculating

size

height

weight

capacity

time

money

position

shape, 'solid' and 'flat' shapes



Am I supporting my child using the full range of mathematical language accurately?

# How could you turn a trip to the Coop into a mathematical learning experience?



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# How could you create a mathematical learning experience with a collection of socks?



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# How could you turn wrapping a present into a mathematical learning experience?



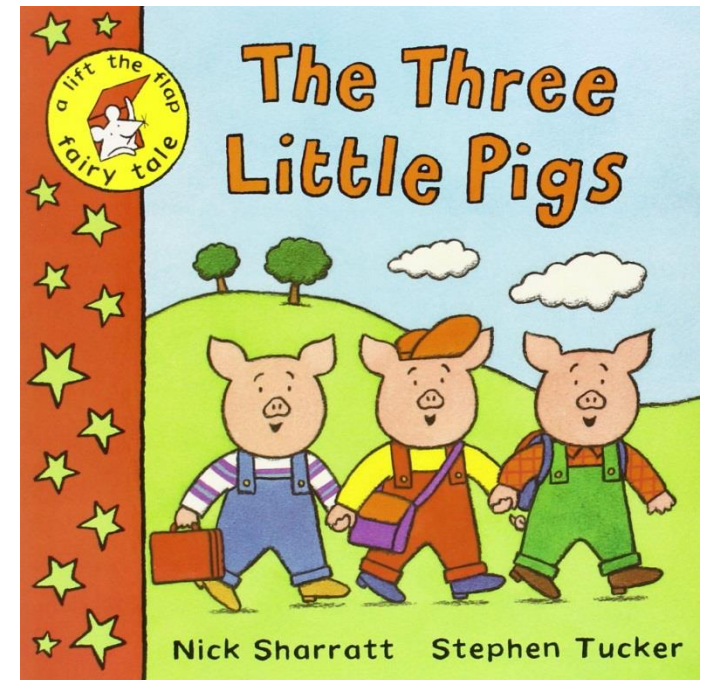
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# How could you find opportunities to develop mathematical concepts through stories?



THE VERY  
HUNGRY  
CATERPILLAR



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# How could you create a mathematical learning experience with a bag of grocery shopping and receipt?



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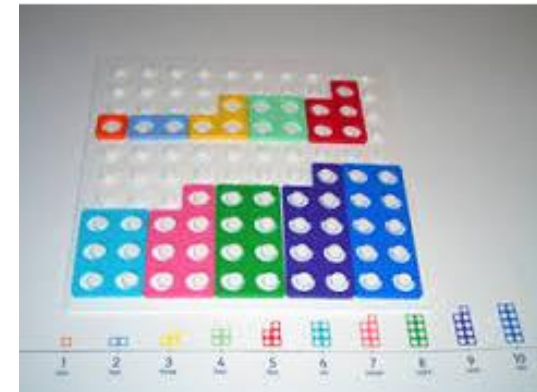
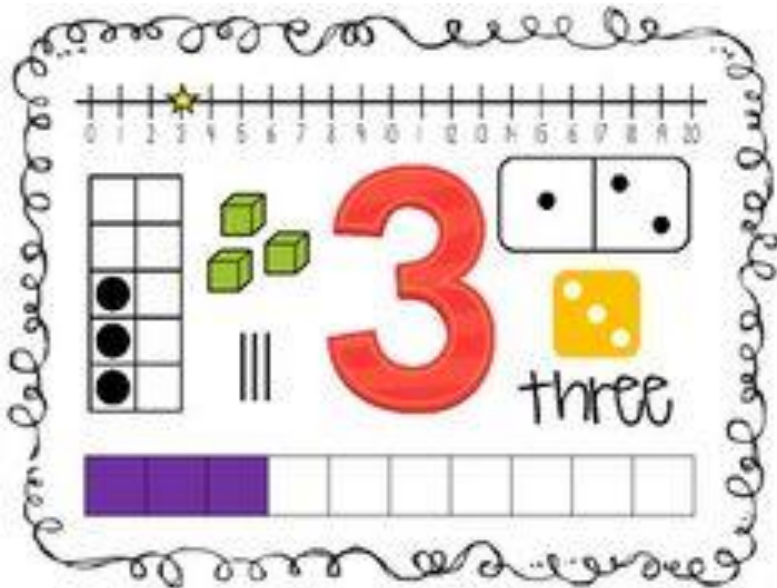


# Mathematical Development consists of 2 aspects

Numbers

Shape, Space  
and  
Measure

# Understanding and Representing Numbers



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# Early Learning Goals for Number

- count reliably using numbers from 1 to 20
- place them in order
- say which number is one more or one less than a given number
- use quantities
- add and subtract 2 single digit numbers
- count on or back to find an answer
- solve problems, including doubling, halving and sharing



# Early Learning Goals for Shape, Space and Measure

- use everyday language to talk about:



**weight**

**size**

**capacity**

**money**

**distance**

**position**

**time**



- compare quantities and objects and solve problems
- recognise, create and describe patterns
- explore characteristics of everyday objects and shapes and use mathematical language to describe

# Mistakes grow brains!



Photo courtesy of Patrick Gibling

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# How can I help my child?

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**finally.....**

Make Mathematics learning at home;

- Active
- Purposeful
- Fun
- Frequent
- A sharing experience



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# A brilliant resource to have at home...



## Numicon: Bag of Numicon Shapes 1-10

by Oxford University Press

★★★★☆  111 ratings

| 5 answered questions

**Amazon's Choice** for "numicon"

Price: **£4.70** & **FREE Delivery** in the UK on orders over £20.00 . [Details](#)

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New & Used (18) from **£4.36** + **FREE Shipping**

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# Online support

<http://www.foundationyears.org.uk/2015/03/what-to-expect-when-a-parents-guide/>

## What to expect, when?

Guidance to your child's learning and development  
in the early years foundation stage



Supported by  
  
Department  
for Education



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# Online support

## MATHS

- <http://earlyyearsmaths.e2bn.org/index.php>
- <http://www.ictgames.com/resources.html>
- <http://www.crickweb.co.uk/Early-Years.html>
- <http://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths>

## LITERACY

- <http://www.ruthmiskin.com/en/parents/> - Read write Inc for parents
- <http://www.letters-and-sounds.com/phase-2-games.html>
- <http://www.bbc.co.uk/cbeebies/grownups/the-alphablocks-guide-to-phonics>
- <http://www.wordsforlife.org.uk/3-5/milestones>

<https://hungrylittleminds.campaign.gov.uk/>

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