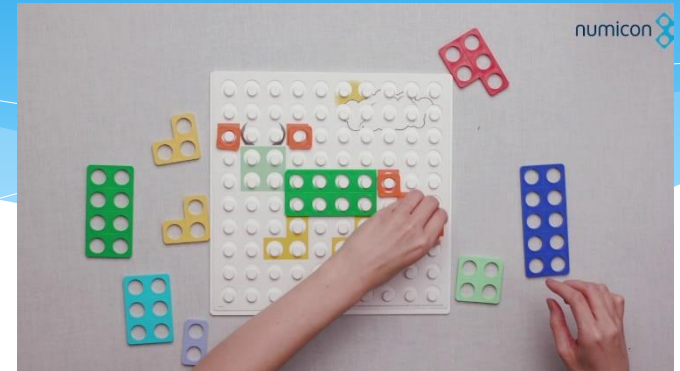


# Reception Maths

1st November 2021

# Today's talk

- What do we do in school?
- What does the curriculum look like?
- Useful resources – physical, books and websites
- How you can help at home



On a scrap piece of paper write your name.

Please be ready for some mental maths!



Maths is like Cabbage.....



You either love or hate it depending on how it was served up to you as a child!



Always give a positive view of Maths to your child.

At The Mead we want your child's experiences of Maths to be.....

exciting

practical

memorable

fun



interesting

# The Early Years Foundation Stage curriculum

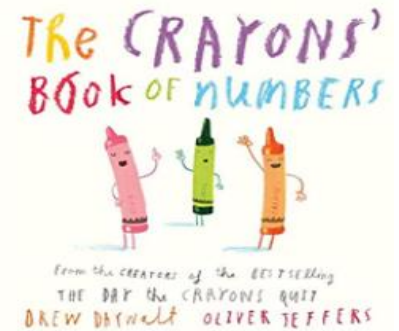
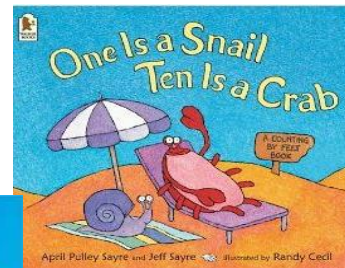
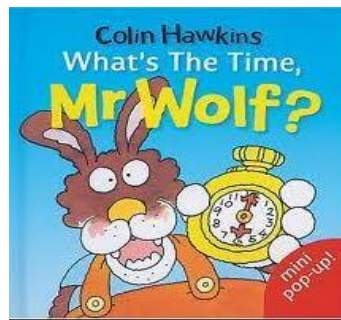
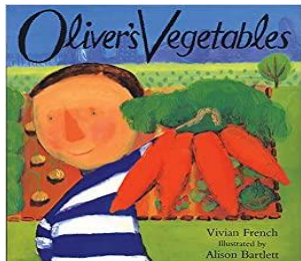
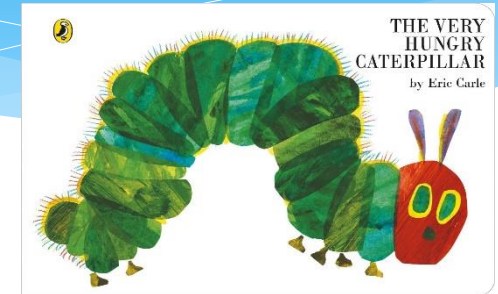
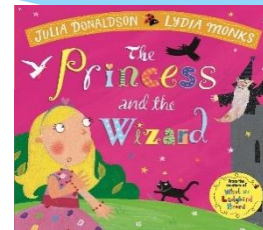
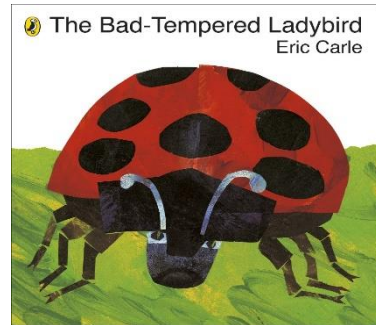
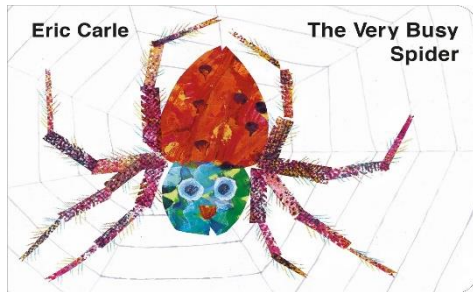
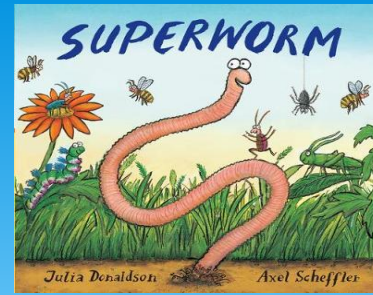
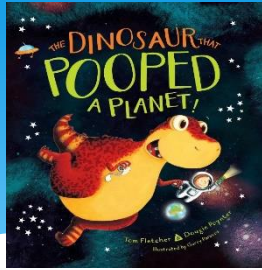
## Development Matters Statements

Mathematics
<ul style="list-style-type: none"><li>• Count objects, actions and sounds.</li></ul>
<ul style="list-style-type: none"><li>• Subitise.</li></ul>
<ul style="list-style-type: none"><li>• Link the number symbol (numeral) with its cardinal number value.</li></ul>
<ul style="list-style-type: none"><li>• Count beyond ten.</li></ul>
<ul style="list-style-type: none"><li>• Compare numbers.</li></ul>
<ul style="list-style-type: none"><li>• Understand the 'one more than/one less than' relationship between consecutive numbers.</li></ul>
<ul style="list-style-type: none"><li>• Explore the composition of numbers to 10.</li></ul>
<ul style="list-style-type: none"><li>• Automatically recall number bonds for numbers 0-5 and some to 10.</li></ul>
<ul style="list-style-type: none"><li>• Select, rotate and manipulate shapes to develop spatial reasoning skills.</li></ul>
<ul style="list-style-type: none"><li>• Compose and decompose shapes so that children recognise a shape can have other shapes <i>within</i> it, just as numbers can.</li></ul>
<ul style="list-style-type: none"><li>• Continue, copy and create repeating patterns.</li></ul>
<ul style="list-style-type: none"><li>• Compare length, weight and capacity.</li></ul>

## Early Learning Goal

Mathematics
<b>Number</b> <ul style="list-style-type: none"><li>• Have a deep understanding of number to 10, including the composition of each number.</li><li>• Subitise (recognise quantities without counting) up to 5.</li><li>• 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.</li></ul>
<b>Numerical Patterns</b> <ul style="list-style-type: none"><li>• Verbally count beyond 20, recognising the pattern of the counting system.</li><li>• Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.</li><li>• Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</li></ul>

# Maths books





# Number BLOCKS



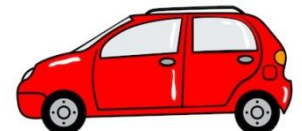
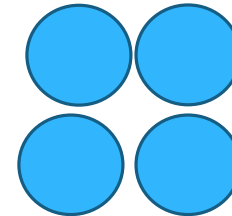
# CPA

Use at any time  
and with any age  
to support  
understanding

**Concrete**  
Introduces real objects and  
Maths resources that children  
can use to 'do' the maths.

**Pictorial**  
This stage uses pictorial  
representations of objects to  
let children 'see' what a  
maths problem looks like.

**Abstract**  
This stage uses numerals and  
symbols. It is imperative that  
children are not moved to this  
stage too quickly!



# Concrete






# Make it practical and fun!



# How you can help at home



## Number formation

- Model number writing and reading in different ways: Lists, tracing, birthday cards, buses, front doors, recipes, in books, phones
- Number hunts
- Write in sand, with your finger on the carpet, paint, make numbers with play dough, on a whiteboard, on paper, post it notes, on a tablet

# How you can help at home?

## Counting

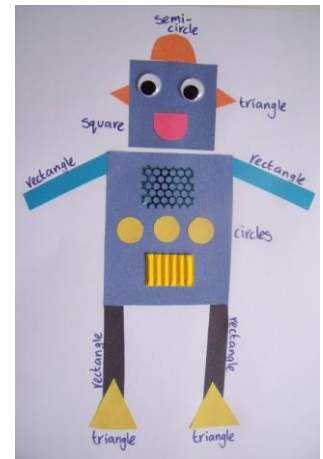
- Counting – in everyday conversation, in play, steps, brushing teeth, toys in the bath, tidying toys
- Subitising – with teddies, spoons, socks
- Ordering numbers – flashcards, post it notes, lining up toys
- Number bonds – in the car, with teddies/toys
- Addition and subtraction – include it in everyday conversation, cooking



# How you can help at home?

## Shape and measure

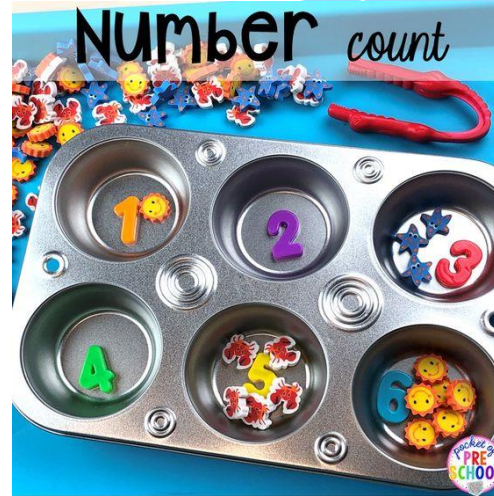
- 2D and 3D shapes – in everyday conversation, shape hunts, shape pictures
- Patterns – ordering objects and toys, clapping/body percussion
- Weight, length, capacity, time – language focus whilst cooking, in the bath, in the sandpit, pouring drinks, talking about routines



# How you can help at home?

## Games

- Snakes and ladders
- Board games
- Card games – snap, pairs
- Number hunts
- Hide and seek
- Bingo
- Link it to fine motor activities
- Counting songs





# How you can help at home?

## Link to school

### **Evidence me**

Tell us about any maths activities your child has done at home

### **Coming up next week....**

- Tells you what we are doing in maths that week
- Homework – from the Spring Term

# Useful websites

<https://www.topmarks.co.uk/maths-games/3-5-years/counting> - Maths games

<https://www.mathsisfun.com/> - A range of maths games.

<https://www.bbc.co.uk/cbeebies/games> - The games cover the whole curriculum and are tablet friendly.

<http://www.crickweb.co.uk/> - Activities focusing on Maths and Literacy. Free to use

<https://www.pinterest.co.uk/> - While Pinterest isn't a learning website as such, it is nonetheless an absolute treasure trove of resources if you would like an activity for your child that isn't screen based. Pinterest has so many investigative activities that you can make at home, some beautiful art activities and fine motor activities. Type 'eyfs' or 'for kids' after your search. For example 'numbers to 10 for kids' or 'shape patterns for kids'

<https://www.youtubekids.com/> You can search for a wide range of videos on number bonds, shapes, counting, phonics, Alphablocks, Number Jacks etc. 'Art for Kids' and 'Cosmic Yoga Kids'.



# Any questions?

