

EYFS LEARNING IN MATHS at Margaret Wix Nursery and Primary school

Overview

In EYFS, Maths is found within the 'Maths' (M) learning area. This area of learning is split into two sections:

Number

- 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.

Numerical Patterns

- 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.

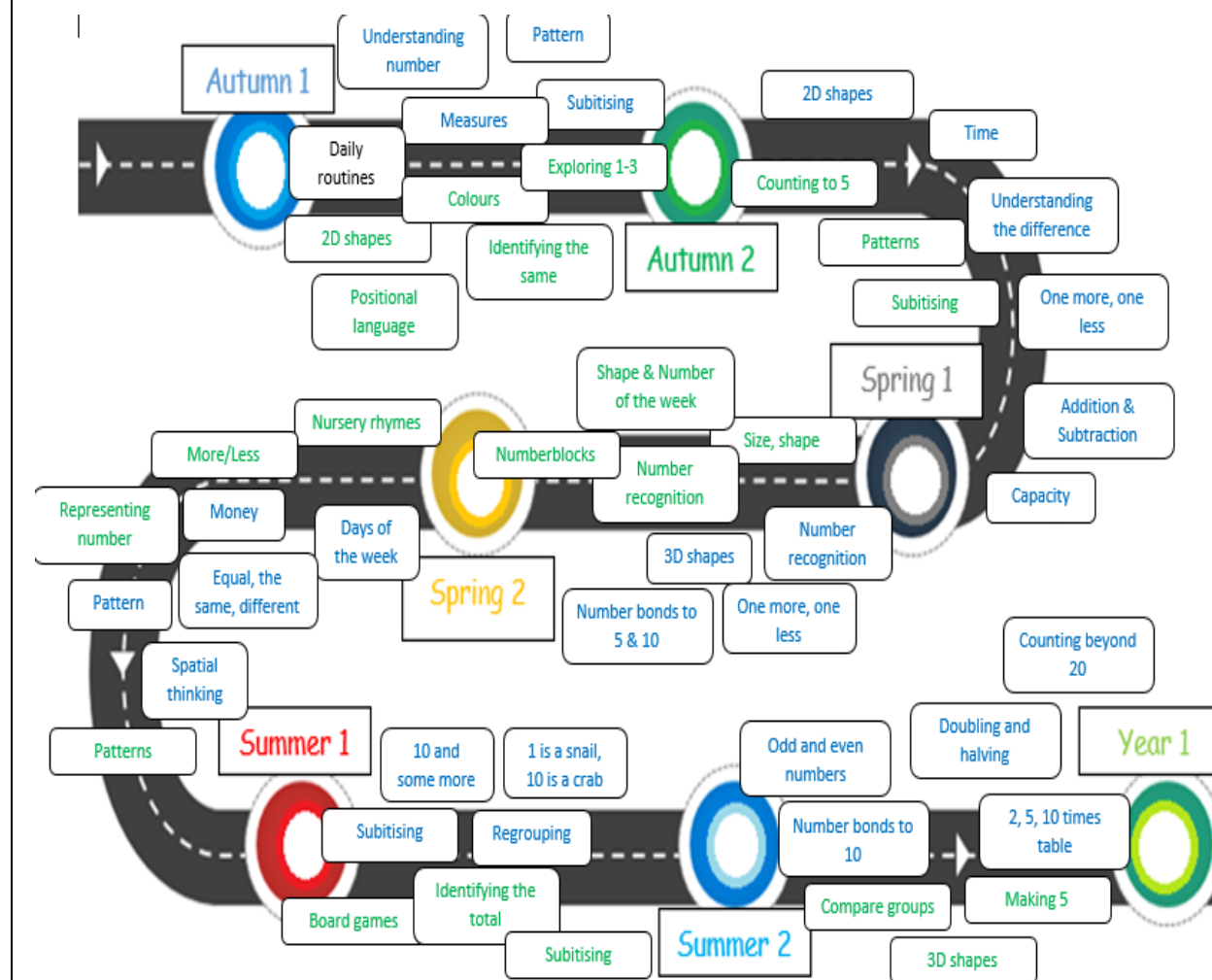
We aim to use maths everyday, for example when telling the time, playing games, cooking, building, or for almost any type of work.

Seeing and hearing maths in everyday life is something that we believe strongly about in EYFS and know is what helps build strong foundations for mathematical thinking. We allow opportunities during child initiated play (CIP) for the children to demonstrate their learning independently.

Along with 4 lessons a week, here is where you will see MATHS applied in EYFS.

Reception environment	<u>Creative area</u> 	<u>Writing area</u> 	<u>Role play area</u> 	<u>Construction/small world area</u>
	<u>Maths area</u> 	<u>Snack area</u> 	<u>Self-registration board</u> 	<u>Day and weather</u>
Other opportunities	<u>Mud Kitchen</u> 	<u>Outside water area</u> 	<u>Outdoor maths area</u> 	<u>Music wall</u>

The Wix way



- Key Vocabulary**
- Regrouping
 - Number names
 - 2D & 3D Shape names
 - Pattern
 - Time/Money
 - Counting
 - Add
 - Subtract
 - Take away
 - Equals
 - Double
 - Share
 - Subitise
 - Odd
 - Even

In EYFS we implement Maths with the support of ReceptionESSENTIALMaths

Reception	Learning is built upon step by step sequences, providing progression in the children's conceptual understanding. Reliable manipulatives and models are deliberately repeated, in order to become familiar and reinforce the conceptual understanding of the children. This will develop firm foundations for children to use ESSENTIALmaths in Year 1.
Nursery	HFL Essential Foundations for Counting provides practical suggestions to achieve embedded pre-counting skills in pattern, comparison, classification and group recognition. These four skills continue to develop throughout ReceptionESSENTIALmaths.

Nursery environment	Creative area 	Playdough area 	Role play area 	Small world area 
	Maths area 	Self-registration board 	Sand area 	Tuff tray play 

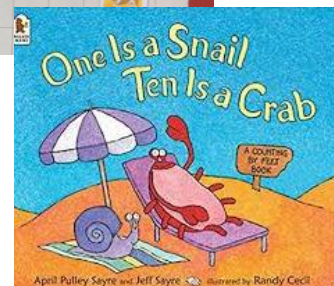
Children in action in MATHS in EYFS



Counting construction pieces outside



Using positional language during CIP



Cross curricular-Literacy in maths



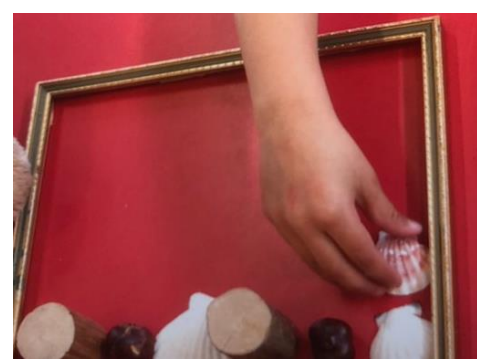
Parent in to play a homemade maths game



Mixing colours



2D shape hunt during CIP



ABC patterns during CIP



Domino team game during CIP



Playing snap/pairs during CIP



Making 2D mosaic shape pictures