

# MATHEMATICS IN THE EARLY YEARS

Workshop for parents



# New EYFS Mathematics Curriculum 2021

## ELG: Number

Children at the expected level of development will:

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 to 5 (including subtraction facts) and some number bond to 10, including double facts.

## ELG: Numerical Patterns

Children at the expected level of development will:

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

# White Rose Maths Scheme



Our overviews support the ethos of the EYFS whilst at the same time enabling teachers to create a mathematically rich curriculum. Additionally, it allows for key mathematical concepts to be revisited and developed further across the year.

The guidance has been divided into ten phases and provides a variety of opportunities to develop the understanding of number, shape, measure and spatial thinking.

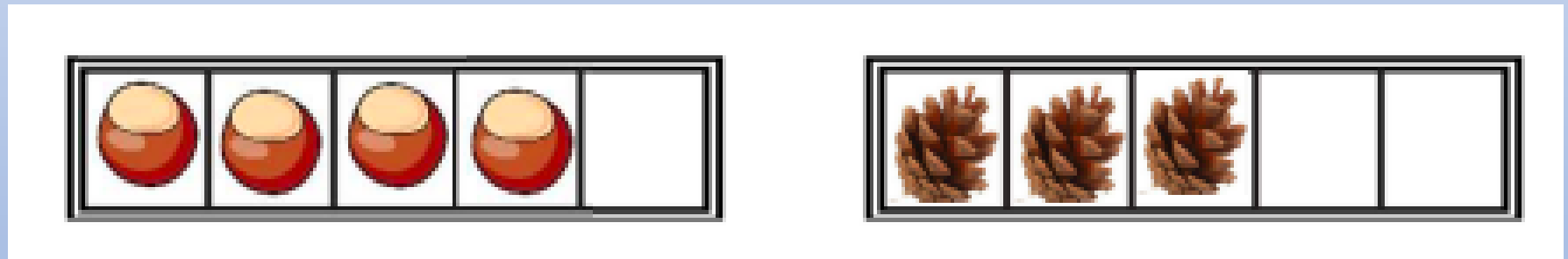
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Getting to Know You			Just Like Me!			It's Me 1 2 3!			Light and Dark			Consolidation	
Spring	Alive in 5!			Growing 6, 7, 8			Building 9 and 10			Consolidation				
Summer	To 20 and Beyond			First Then Now			Find My Pattern			On The Move				

# Numbers

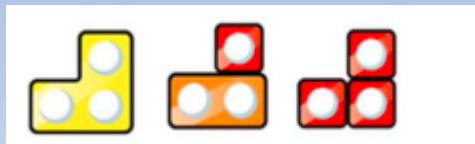
1- How numbers are represented



2- Comparing numbers



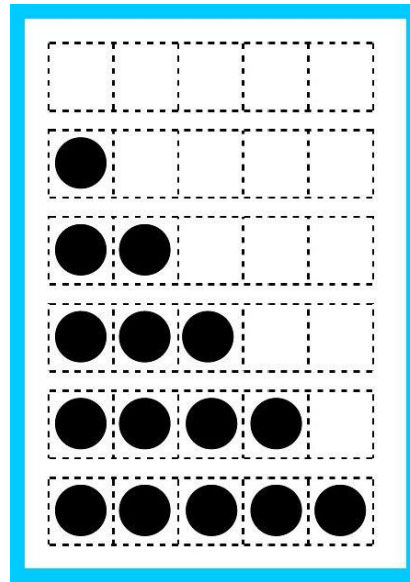
3- Composition of numbers



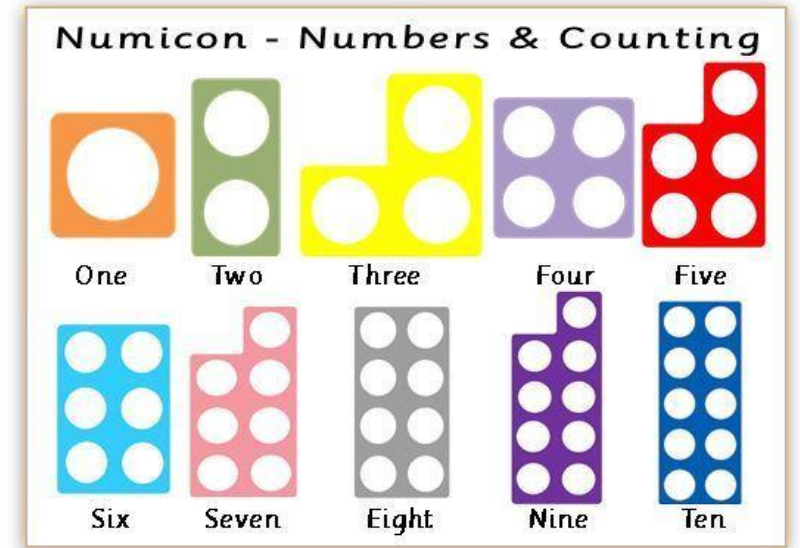


Games using a die/dice

# How to help



Numicon shapes

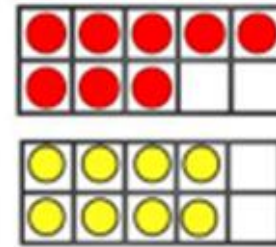
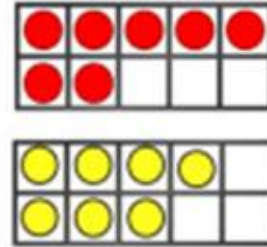
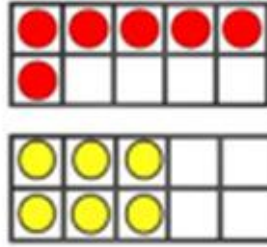
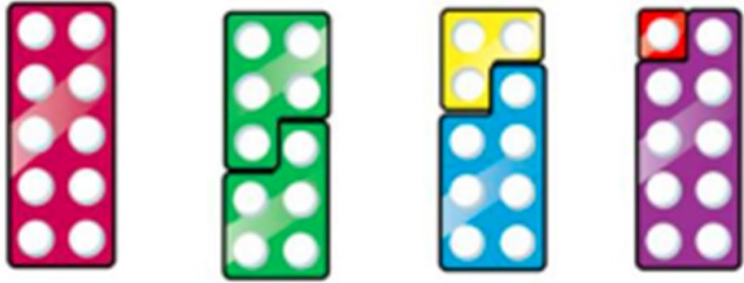


Set of dominoes



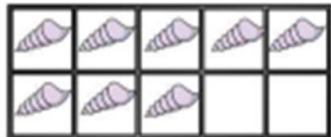
Making a 5 frame for counting





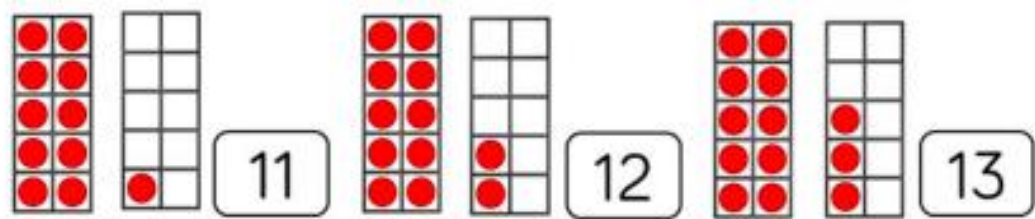
*5-wise patterns*

*Pair-wise patterns*

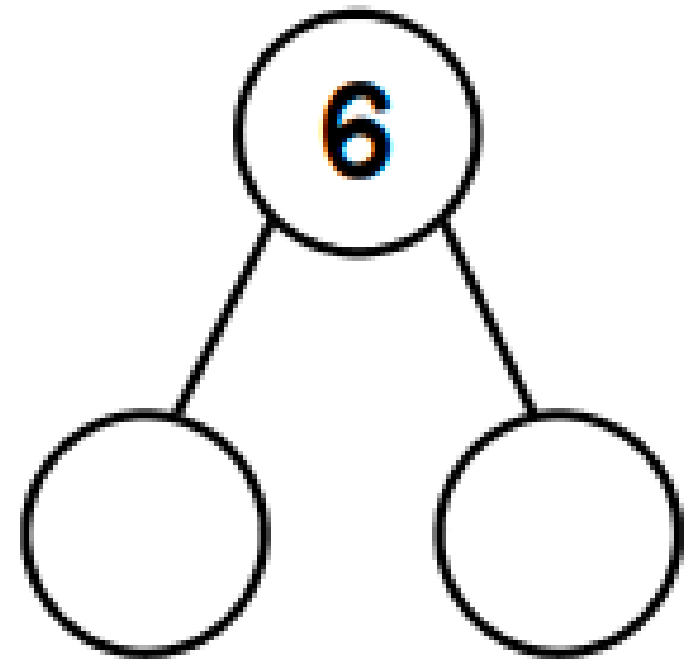
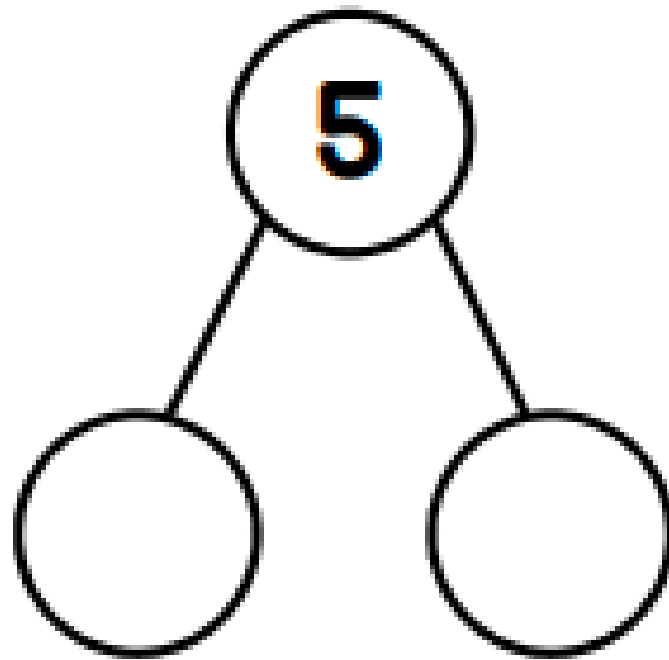
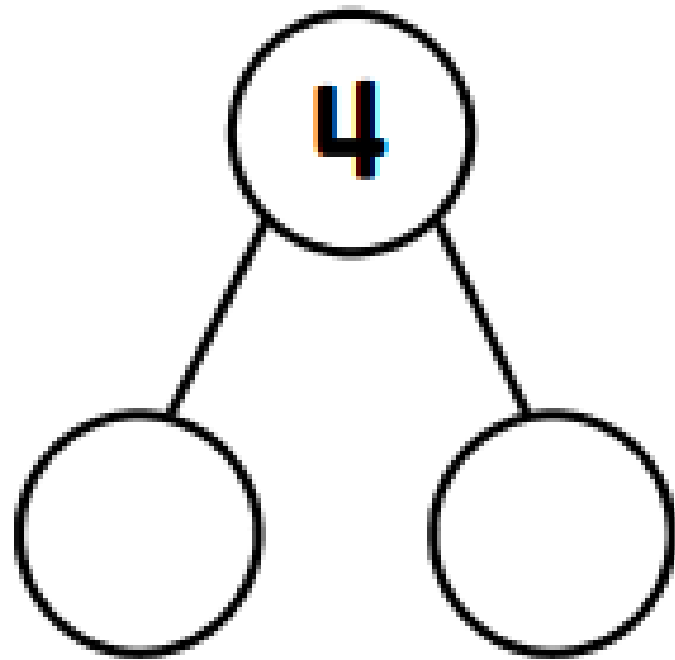


Numbers from 5 to 10



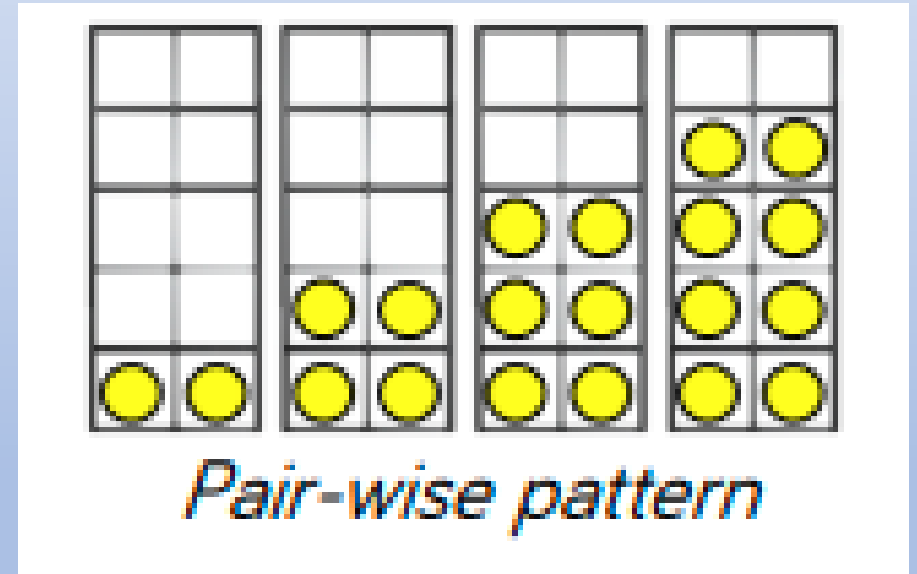
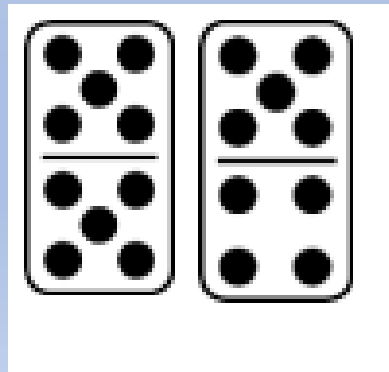
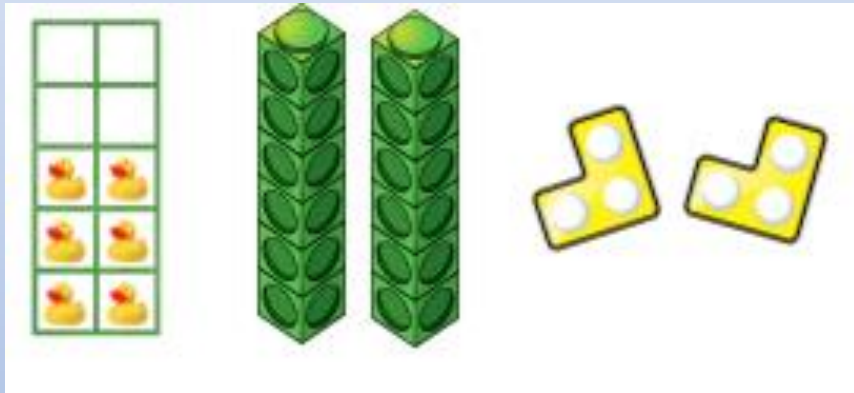


# Numbers to 20 and beyond

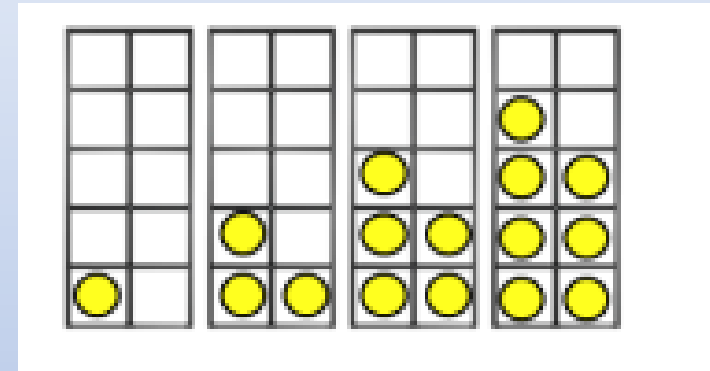


Number bonds to 10

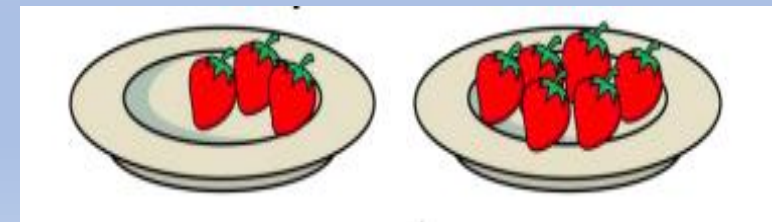
# Doubling



# Odd and Even Numbers

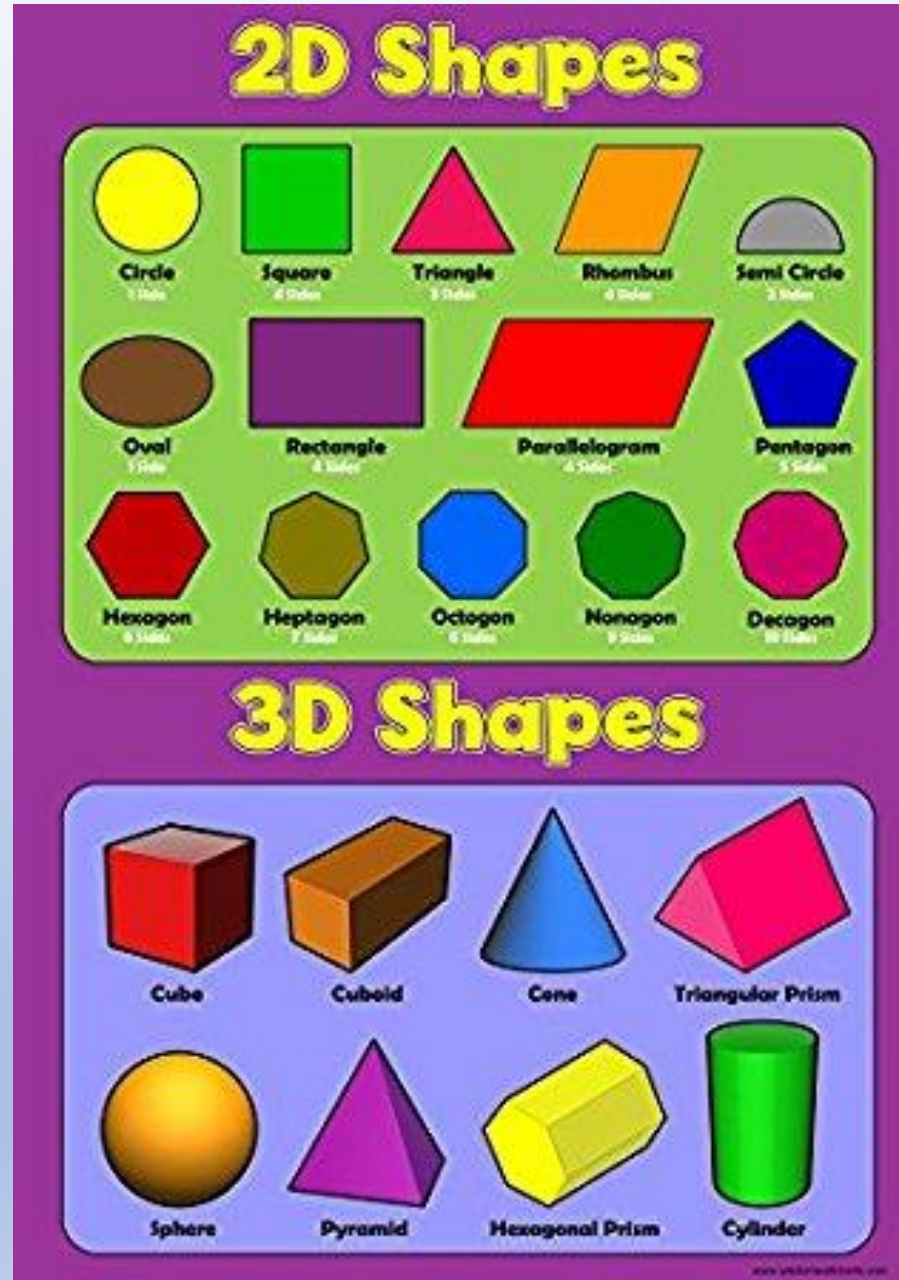


# Sharing and grouping



sides

corners



curved

faces

straight

Next  
to

over

between

behind

# Understanding Position

In  
front

under

on

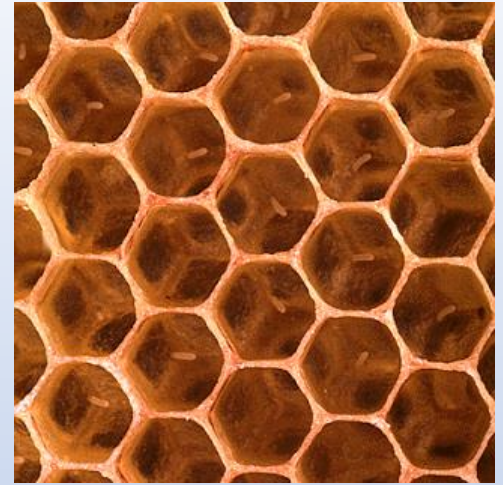
in

# Aware of shapes in the Environment





# Patterns in the Environment





## Measures

- Time
- Weight
- Capacity
- Length

# Language and Vocabulary

## TALK

more

less

full

short

*How  
many?*

heavy

light

long

wide

tall

*empty*