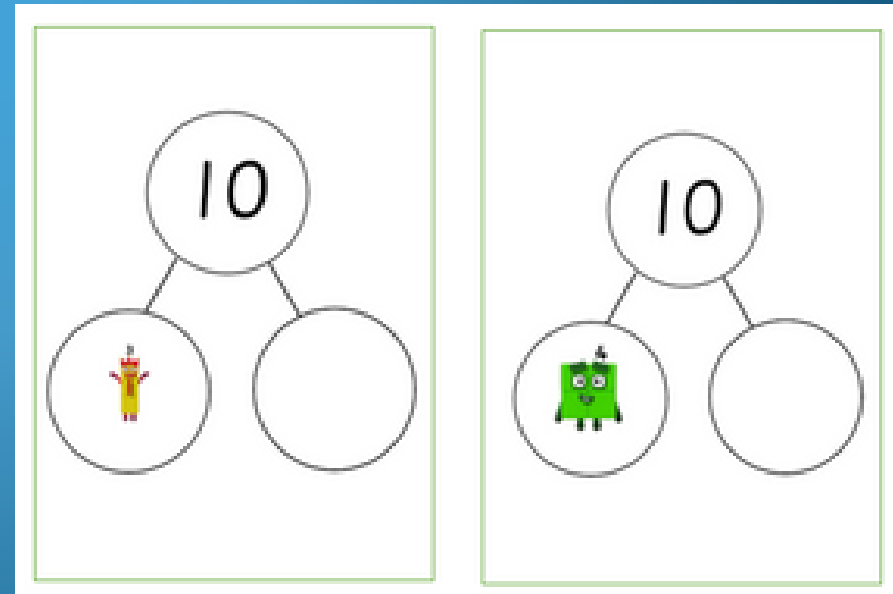
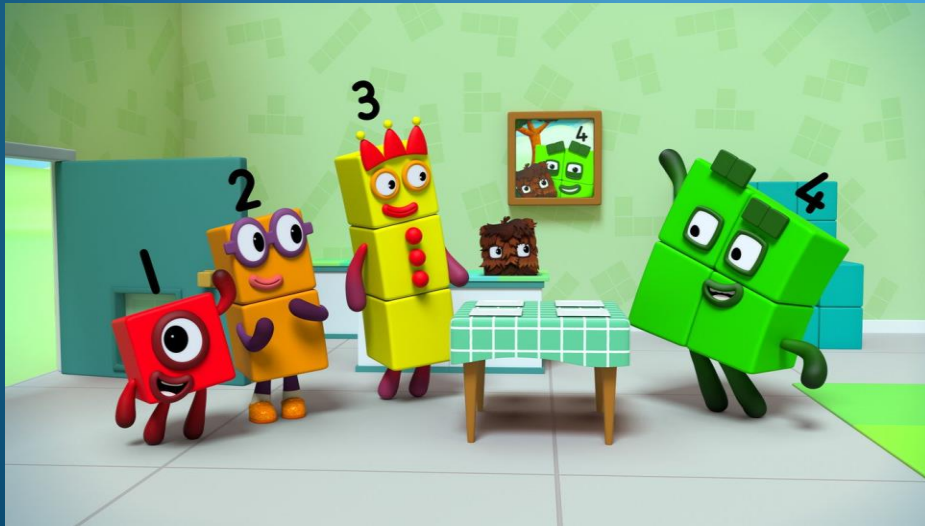


Early Maths at Horn Park



Aims

- To give an overview of the maths framework in EYFS
- To give an outline of what maths looks like in school
- To give ideas for how to support your child at home

Maths changes

- Moving slower in order to build and deepen understanding
- New representations to support fluency
- New vocabulary to articulate key skills

Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically.

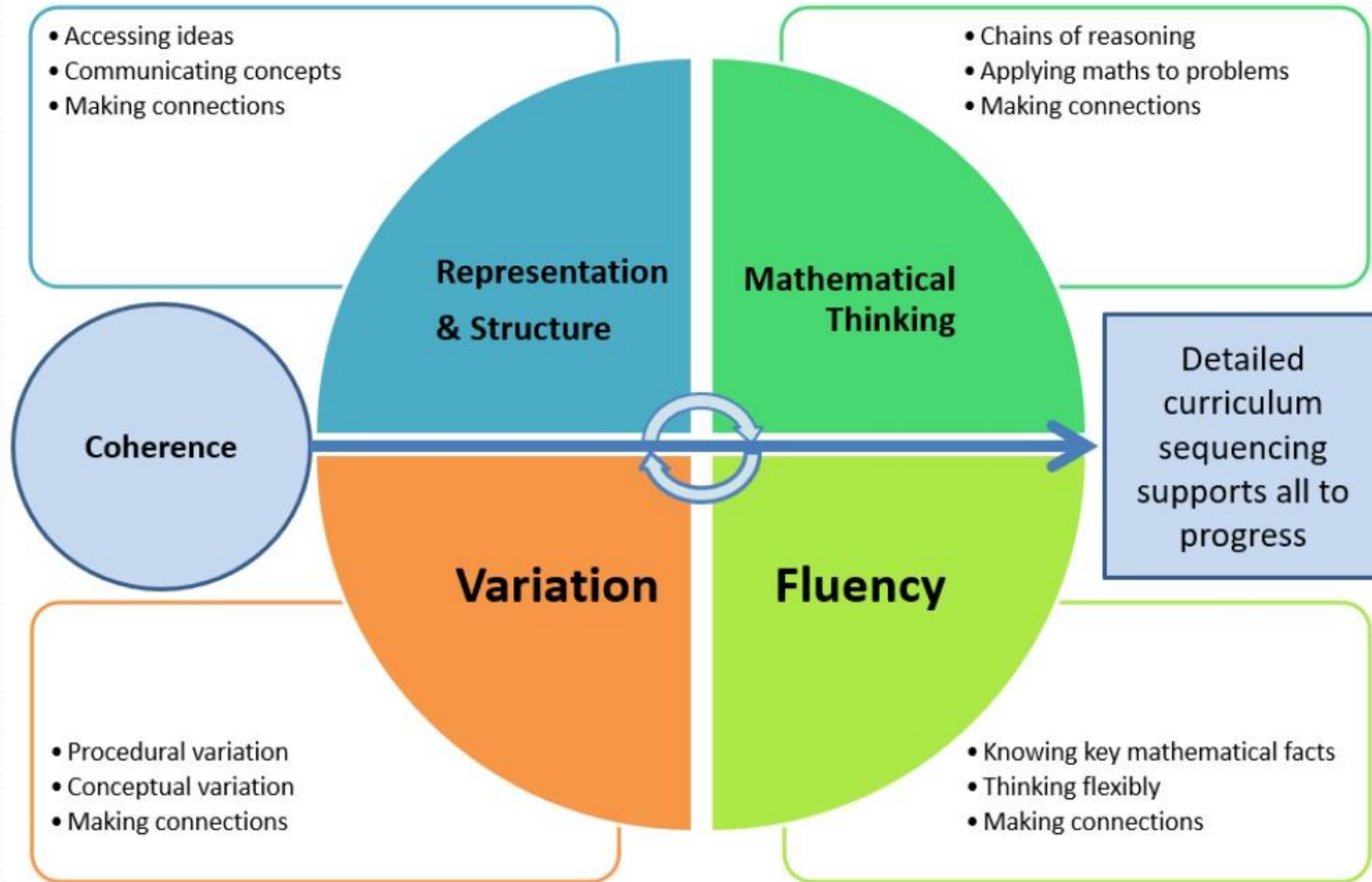
Changes to Maths (2021)

- Move towards fluency and depth of knowledge
- Less focus on numbers to 20 and above and more numbers to 10
- No need for formal number sentences but instead greater number sense

*"Maths fluency means that **children will be able to use their skills to know the best way to figure out a maths problem.** It also means developing number sense and it means using those skills in a variety of contexts."*

Maths mastery

Teaching for Mastery



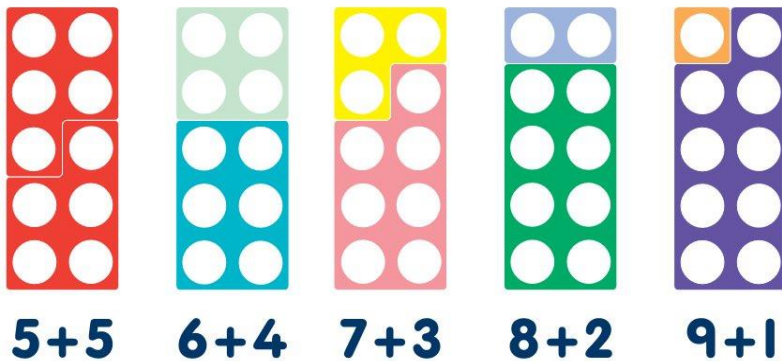
The EYFS framework

- Children should be able to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers.

- **Stable Order:** being able to say the number names in sequential order
- **One-to-One Correspondence:** that each number relates to each object and only one count
- **Cardinality:** that the last number spoken names the quantity for that set
- **Abstraction:** that it does not matter what you count, how we count stays the same.
- **Order Irrelevance:** that the order that items are counted in is irrelevant, as long as every object in the set is given one count and only one count

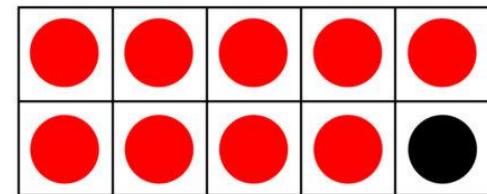
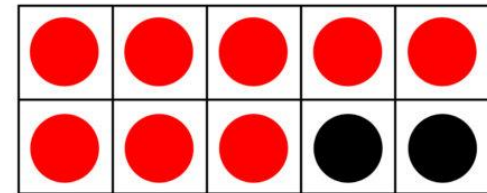
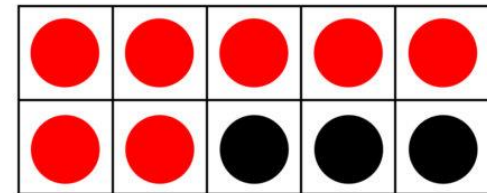
The EYFS framework

- Frequent and varied opportunities to build and apply this understanding - such as using manipulatives, including small pebbles and tens frames for organising counting. Children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built.

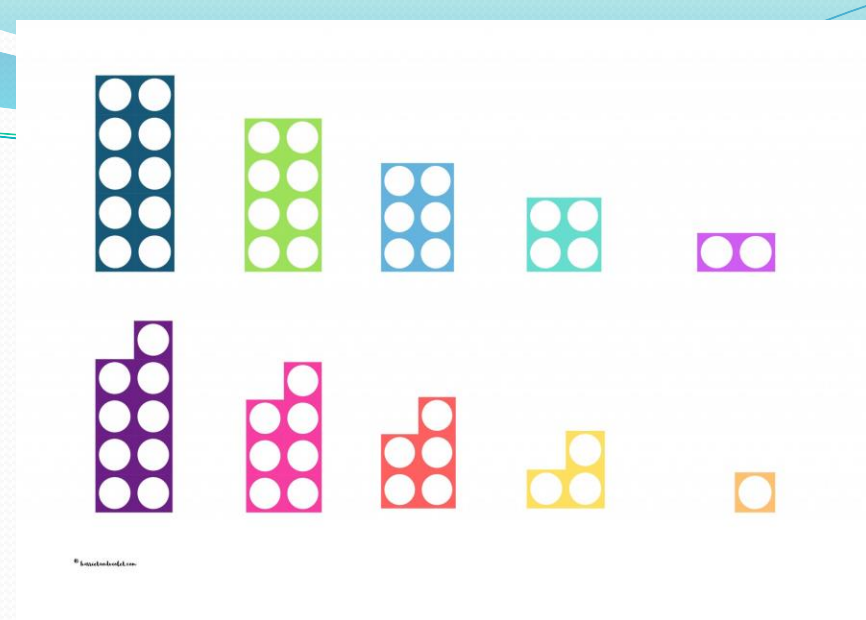


Tens Frames Number Bonds (for 10)

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The EYFS framework

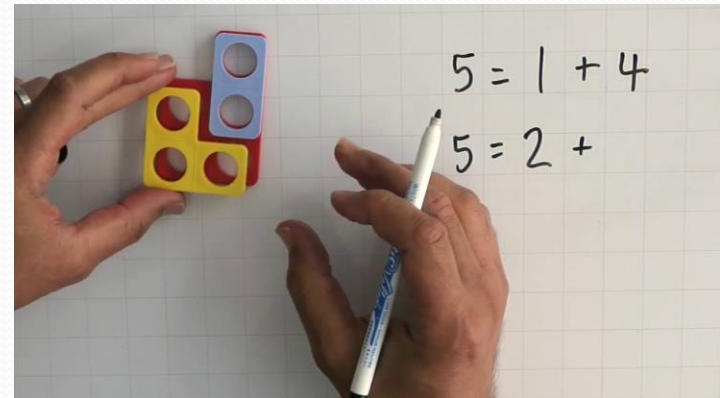
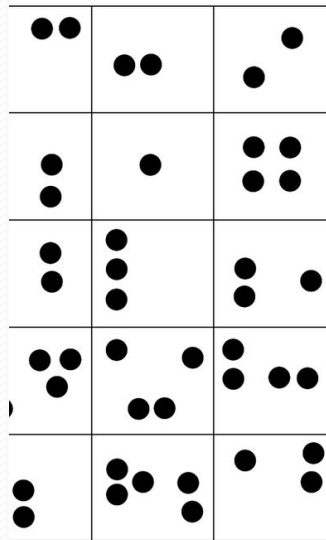
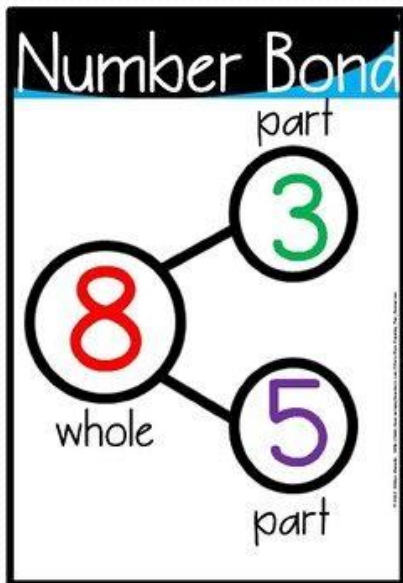


- It is important that children develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, ‘have a go’, talk to adults and peers about what they notice and not be afraid to make mistakes.

What must children achieve?

ELG: 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.

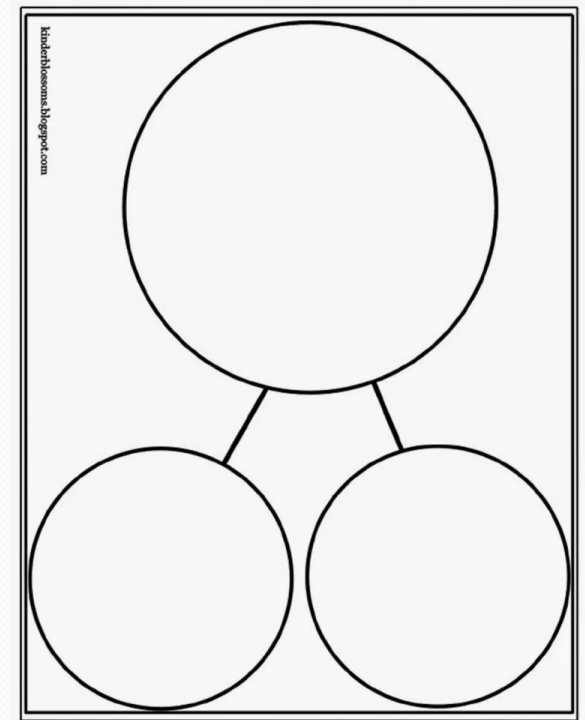
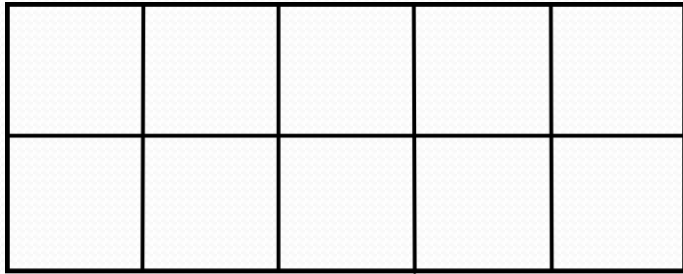
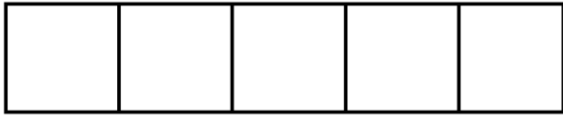


ELG: Numerical Patterns

- 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.



Key representations



What does that look like in class?

- Daily carpet sessions
- Weekly focus groups with the class teacher
- Work recorded in books x1 weekly
- Maths embedded into the provision

Maths through play



White Rose Maths

Have you heard about our amazing app?

It's 1-minute maths

FIND OUT MORE



https://assets.whiteroseeducation.com/secure/digital-tools/1-minute-maths/index.html?_gl=1*1o4p9ie*_ga*MTMxMjY5MTI1Mi4xNjg4MjkzNTQ3*_ga_869Y76J73T*MTY5OTgwMzYxOC4yMi4xLjE2OTk4MDM3MjkuMC4wLjA

NCETM - Numberblocks

[BBC iPlayer -
Numberblocks](#)



ALL NUMBERBLOCKS >

Ten ways to help your child with maths

Love 6820

The image shows a red Numberblock character representing the number 10, with two star-shaped eyes and a smiling mouth. The character is surrounded by ten colorful balloons, each with a number from 1 to 10. The balloons are arranged in a semi-circle above the character. The background is light blue with yellow stars. Below the image is a social media-style interface with a blue button labeled 'ALL NUMBERBLOCKS >', a red 'Love' button, and a grey speech bubble containing the number '6820'. The main text below the image reads 'Ten ways to help your child with maths'.

How can I help my child?

Through play!

1. Counting principles
2. Number recognition
3. Making connections and looking for patterns
4. Number composition
5. Subitising
6. Numberblocks and White Rose

"I've noticed you have 6 trains. I know that because I subitised the 3 and 3. Could you arrange them in a different way?"