

Mathematics in the Early Years

We are always here to help. Please speak to your class teacher if you have any questions or queries on how you can support your child at home.

The reception curriculum is split into two areas:

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.

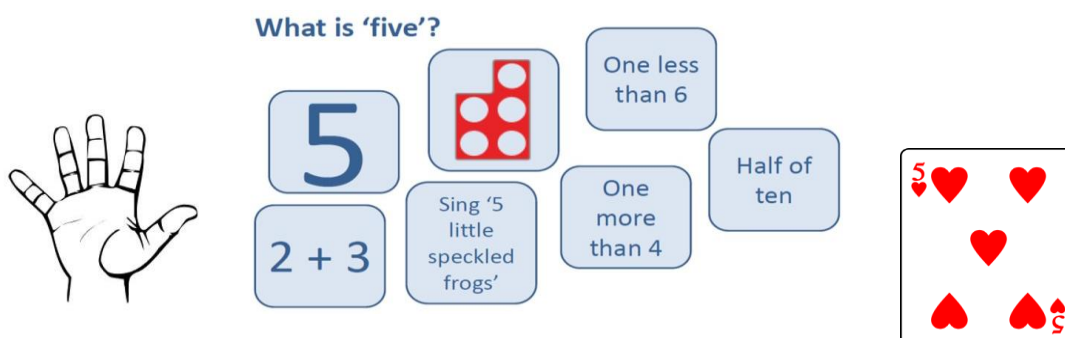
Numerical Patterns

- 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.

Recognising and Counting Numbers and Numerals

Children learn to count and recognise numbers through one to one correspondence by saying one number name for each object they count. They match quantities of objects to numerals to help build a picture of numbers.

What is 'five'?



mental

5

2 + 3

Sing '5 little speckled frogs'

One less than 6

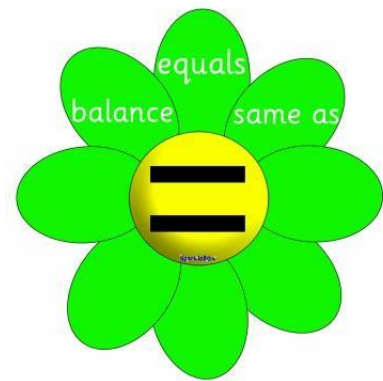
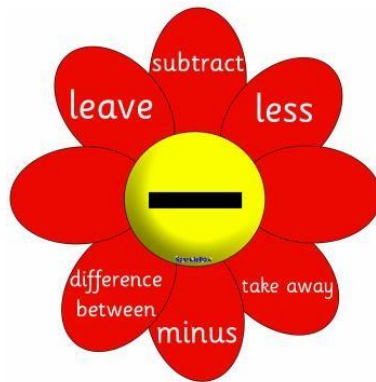
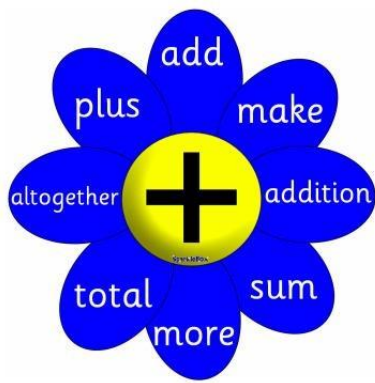
One more than 4

Half of ten

5 of hearts playing card

Addition and Subtraction

When beginning to understand addition and subtraction, children are encouraged to use objects and pictures to help them. Children are exposed to a range of vocabulary during focused maths tasks which we encourage you to use at home.



How you can help at home!

- **Singing number songs such as:**
 - 1, 2, 3, 4, 5 once I caught a fish alive
 - 5 little monkeys jumping on the bed
 - 5 little speckled frogs
- **Reading stories:**
 - Counting characters, objects or shapes within a picture.
 - “How many windows are there in the house?” “What shapes can you see?”
- **Counting objects:**
 - Counting sweets or pennies
 - Share objects between siblings, toys or adults
- **Number walks:**
 - Look at the numbers on house doors
 - Find numbers on the remote control
 - Look at numbers in the supermarket
- **Shapes:**
 - Use shapes to build pictures during play or Look for shapes in the environment
 - Draw shape pictures
- **Measures:**
 - Use empty containers in the bath or paddling pool to explore capacity
 - Feel objects and compare their weight
 - Baking together
 - Measuring how tall we are and seeing how much we grow
- **TV/Technology:**
 - Numberblocks (BBC iPlayer)
 - 1-Minute Maths app (White Rose)
 - <https://www.topmarks.co.uk/>
 - <https://nrich.maths.org/>
 - Numbots (You will need a log in from your child’s teacher)
 - <https://whiterosemaths.com/resources/early-years>