

Mathematics in Early Years

The Reception Early Learning Goals are split into two areas:

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

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.

Throughout their year in Reception, children will also be provided with rich opportunities to develop their spatial reasoning skills across all areas of mathematics including shape, space and measure.

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 mental picture of numbers.

What is 'five'?



5

2 + 3

Sing '5 little speckled frogs'

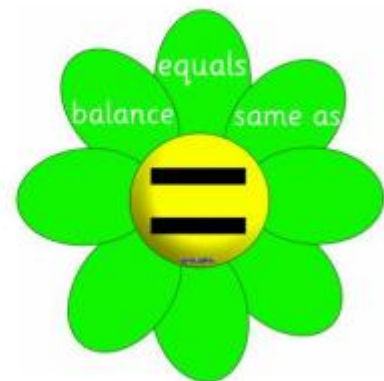
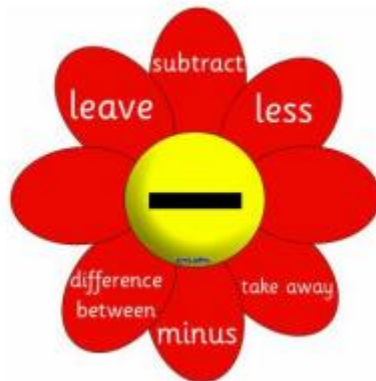
One less than 6

One more than 4

Half of ten

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 frog

Reading Stories

- Counting characters, objects or shapes with in a book or picture.
- “How many windows are on the house?” “What shapes can you see?”

Counting Objects

- Counting sweets or pennies
- Share objects between siblings, toys or adults

Number Walks

- Look at numbers on house doors
- Find numbers on the remote control
- Look at numbers in the supermarket

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.