

EYFS Number Policy



Early Learning Goals

- Have a deep understanding of numbers to 10, including the composition of each number.
- Recall number bonds to 5, including subtraction facts.
- Recall some number bonds to 10, including doubles.
- Verbally count beyond 20.
- Subitise numbers to 5.
- Compare quantities up to 10, recognising when one quantity is less than, greater than or more than the other.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Counting

- Say numbers in the correct order to count.
- Understand that anything can be counted e.g. jumps.
- 1 to 1 counting of a given set.
- When counting, recognise the last number tells us how many in total. (cardinal principle)
- Link the numeral with its cardinal value.
- Subitise with numbers to 5 (recognising an amount, without the need to count)



Composition of numbers to 10

- Arrange amounts (0-10) in different way to see how they are made up (for example using number 5 with number blocks we can see that 5 can be made up in different ways)
- Understand that even when a number is arranged in different way, the number is still the same. (conservation of a number).
- Know that numbers are made up of smaller numbers.



Representing numbers

- Representing numbers on fingers.
- Representing numbers 0-10 using a range of manipulatives. (10s frames, number tracks, numicon)
- Draw pictures to represent numbers 0-10.



Numerical patterns

- Recognise when amounts are more/less and the same.
- Find 1 more and 1 less of numbers within 10.
- Explore odd and even numbers.
- Practically work out double numbers and behind to recall some facts. (see multiplication)
- Distribute quantities equally. (see division)





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Addition and Subtraction

- Add by combining 2 groups together.
- Understand that to find a total we count both groups altogether.



- Subtract by taking away/removing objects.
- Understand that we then count how many are left.



Recalling number facts

- Recall number bonds up to 5 and to 10.

First we explore number pairs for all the numbers up to 5 and the number 10 through play and the exploration of manipulatives. Children then start to automatically and mentally recall the number facts. (There is not an expectation for children to write the number sentences at this stage.)

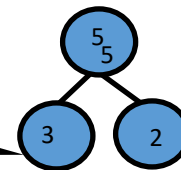


0 add 4 equals 4. 4 add 0 equals 4.
1 add 3 equals 4. 3 add 1 equals 4.
2 add 2 equals 4.

- Recall subtraction facts up to 5.

Again, children will be exposed to the subtraction facts through exploration, play and the use of manipulatives and images. Children will then start to mentally recall the subtraction facts with number pairs to 5.

5 subtract 3 equals 2.
5 subtract 2 equals 3.



Multiplication

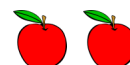
- Practical activities



"3 apples for you, 3 apples for me. How many altogether?"

Division

- Practical activities



"Let's share these apples between you and me. One for you, one for me"