Maths Unit Planning

Year: 1	Unit: 1 - Numbers to 10	Approx. length: 3 weeks

Prior Learning:
Before they start this unit, it is expected that children can: * describe similarities and differences between objects * sort objects into groups based on simple criteria.

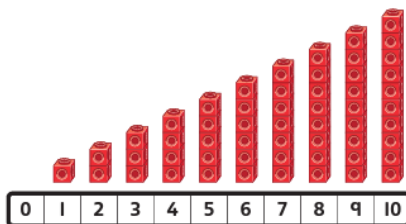**Main Learning:**
In this unit, children learn to:
- sort and group objects up to 10, explaining the common element for each group (e.g. colour, size, shape)
- count to 10 and focus on 'one more' and 'one less'
- use a number line to count forwards and backwards.
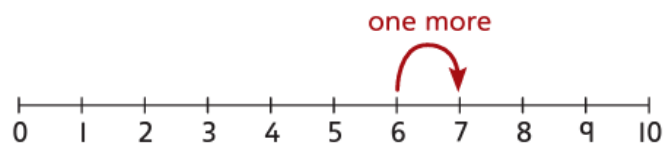
Steps of learning:

1. Sorting objects
2. Count objects to 10
3. Represent numbers to 10
4. Count objects from a larger group
5. Count on from any number
6. Find one more
7. Count backwards from 10 to 0
8. Find one less
9. Compare the size of groups
10. Identify groups with fewer or more
11. Use < > or = to compare groups of objects
12. Compare numbers
13. Compare and order objects and numbers
14. Use a number line to locate numbers

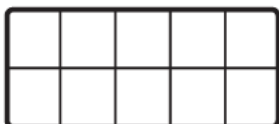**Key representations and structures to use:**

Number track: This model will help children organise their representations of numbers from 1 upwards. It can help children with comparing and ordering numbers.

Number line: This model helps children visualise the order of numbers. It can help them demonstrate concepts such as 'one more' and 'one less' in a more efficient way than using concrete resources.

Ten frame: This model will help children visualise 10. It will also help strengthen children's fluency with numbers up to 10, demonstrating how they can be arranged in different ways but still be worth the same amount.

Vocabulary:
There is some key language that children will need to know as a part of the learning in this unit: *sort, groups, pattern *digit, number *count on, count back, count up, one more, one more than, one less, one less than *matched, equal to, = * fewer, less than, <, least, fewest, smallest *more, greater than, >, most, greatest * number line, number track, ten frame