



Maths Unit Planning

Year: 1

Unit: 3 – Addition within 10

Approx. length: 1 weeks

Prior Learning:

Before they start this unit, it is expected that children:

- can use the part-whole model to partition a number to 10
- can write and compare number bonds to 10.

Main Learning:

In this unit, children learn to:

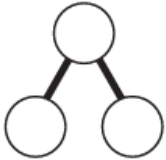
- Add parts to find the whole
- Add more
- Find a missing part
- Solve word problems

Steps of learning:

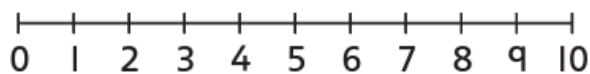
1. Add together
2. Counting on using a numberline (own)
3. Add more
4. Addition problems
5. Find the missing number using a numberline (own)
6. Find the missing number

Key representations and structures to use:

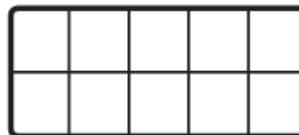
Part-whole model: This model helps children understand that two or more parts combine to make a whole. It also helps to strengthen children's understanding of number.



Number line: Number lines help children learn about addition as counting on. They allow children to identify the starting point, the number counted on and the end point.



Ten frame: The ten frame helps to give children a sense of 10, and supports their understanding of number bonds to 10. It also plays a key role in helping children to recognise the structure of other numbers, and to understand what happens when you add two numbers together.



Vocabulary:

There is some key language that children will need to know as a part of the learning in this unit:

- part, whole and part-whole
- altogether,
- in total,
- total,
- sum
- add,
- added,
- plus, or +
- count, count on
- missing, missing part
- number bonds, number pairs
- number stories