## Key concepts and questions

## How do we know the value of each number?

The staircase model helps us to see the value of each number.

If we count up in ones the value gets bigger by one each time. If we count back in ones the value gets smaller by one each time.


| Key Vocabulary |  |  |  |  |
| :--- | :--- | :--- | :---: | :---: |
| Sort | To organise objects into groups |  |  |  |
| Groups | Putting objects that are similar or the same together |  |  |  |
| Digit | One numeral |  |  |  |
| Count on | Counting forwards from a given number |  |  |  |
| Count back | Counting backwards from a given number |  |  |  |
| Fewer | less than a given number |  |  |  |
| Greater than | Less than | Equal to |  |  |
|  |  |  |  |  |

## Representations

Ten frame: This helps to visualise 10.


Number line: Starts at 0 and supports finding one more and less.


Staircase model: This helps to organise representations of numbers from 1 upwards. It supports comparing and ordering numbers.


Prior learning
Counting on from 5 and using a 5 frame.


Subitising, knowing what is represented without counting.

