

# Master 1 Less to 10 A

## Rationale

In this practical step, pupils will be introduced to finding 1 less than numbers to 10. Using concrete apparatus, they will find one less than a given representation and connect their knowledge of counting backwards in 1s to finding 1 less than a given number.

Pupils will apply their understanding to 0, recognising that 1 less than 1 is 0



## Key Stem Sentences

- 1 less than \_\_\_ is \_\_\_



## Key Vocabulary

- one
- less than



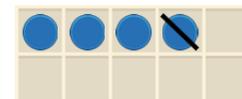
## Common Errors or Misconceptions

- Pupils may link 'less' with removing objects, making the abstract concept of counting backwards difficult.
- Pupils may not yet have mastered ordinality in counting so they may not know which number comes before a given number.



## Key Representations

### Tens frames

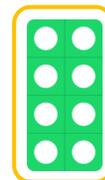


1 less than 4 is 3



1 less than 6 is 5

### Numicon



1 less than 8 is 7



1 less than 10 is 9



## Pupils will FLOURISH if they can...

- accurately find 1 less than a number to 10 by removing a counter from a tens frame.
- accurately select a Numicon piece that represents 1 less than a given representation to 10
- explain their understanding using verbal sentences and concrete apparatus.

