

Master The Number Line to 10 A

Rationale

In this practical step, pupils are introduced to the number line to 10. They connect their knowledge of counting forwards in 1s to observe that each interval increases by 1 and will learn to identify the positions of numbers on a labelled number line.

Pupils will develop their understanding by connecting their prior knowledge of finding 1 more and 1 less as well as counting on and back to support them in identifying hidden numbers on number lines.



Key Stem Sentences

- ___ is here on the number line.
- ___ is here on the number line because 1 more than ___ is ___
- ___ is here on the number line because 1 less than ___ is ___



Key Vocabulary

- number line
- interval
- more than
- less than



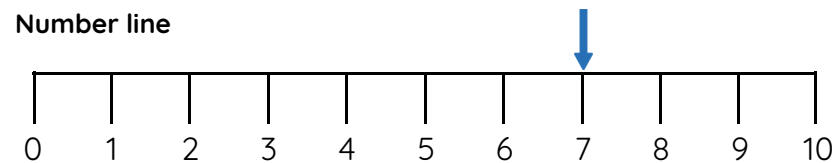
Common Errors or Misconceptions

- Pupils may count the spaces between intervals, rather than the intervals.
- Pupils may have insecure number recognition. For example, confusing 6 with 9 may result in incorrectly identifying the missing number.

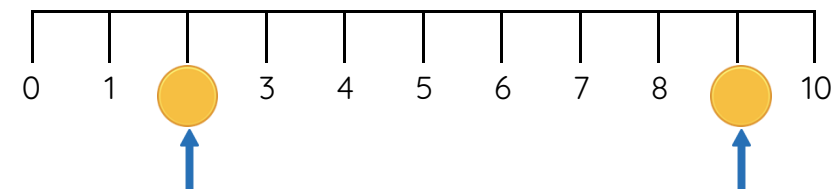


Key Representations

Number line



7 is here on the number line.



2 is here on the number line because 1 more than 1 is 2

9 is here on the number line because 1 less than 10 is 9



Pupils will FLOURISH if they can...

- count from 0 to 10 on a complete number line.
- accurately identify hidden numbers on a 0 - 10 number line.
- explain their understanding using verbal sentences and concrete apparatus.

