

Master The Number Line to 100

Rationale

In this step, pupils will build on their understanding of the number line from Year 1. They will initially use the number line to label and identify numbers on a partially labelled number line from 0 - 100

Pupils' learning will be extended through finding the mid-point and estimating numbers on a blank number line from 0 - 100 and progress to identifying and labelling numbers on number lines with different start and end points in multiples of 10



Key Stem Sentences

- The value of each major / minor interval is ____
- ____ is here on the number line.
- ____ is the mid-point.
- ____ is near to ____ / between ____ and ____



Key Vocabulary

- number line
- major / minor interval
- mid-point
- estimate / near to / between



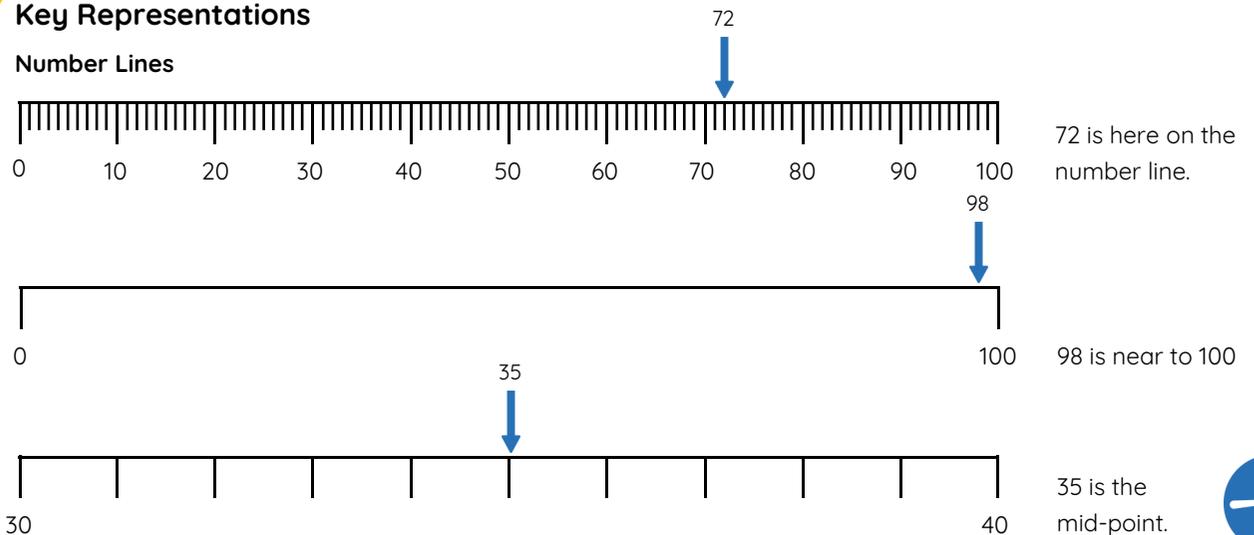
Common Errors or Misconceptions

- Pupils may have difficulty understanding the size of numbers in relation to each other and place them the incorrect distance from the start or between intervals.
- Pupils may miscount the intervals.



Key Representations

Number Lines



Pupils will FLOURISH if they can...

- identify and label numbers on partially labelled number lines from 0 - 100
- estimate, identify and label numbers on blank number lines from 0 - 100
- identify and label numbers on number lines with different start and end points in multiples of 10
- explain their understanding using written sentences, concrete apparatus and given representations.

