

Ordering numbers

This ITP shows how a number line can be developed from a row of 10, 20 or 100 counters. It behaves like a short film. The film is in four stages. You can pause at the end of each stage. The ITP can be used to help children to understand how a number line relates to discrete object placed in a row and to support their counting and recording skills. Using the different sequences the number line image can be developed to increase the interval between numbers and to support addition and subtraction activities moving from the counters to the number line.

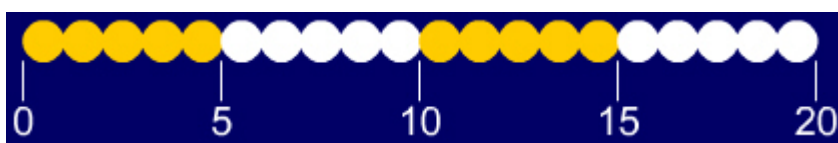
The ITP can be used to develop children's estimation skills and their strategies for checking calculations by referring to the 5s and 10s landmark numbers.



The example shown here is for a 0 to 20 number line.



1. The counters slide across from the right, slowly enough to be counted.



2. Marker lines appear at 5 counter intervals and the corresponding numbers appear below them.



3. A number line emerges from the line of counters and moves below it.



4. Another number line, with 0, 10 and 20 markers, emerges and moves below.



Click on the counters button to select 10, 20 or 100 counters and corresponding number lines.



Click to pause the animation at the beginning of the next stage.



Click to continue the animation.



Click to play the current number line animation from the beginning.