

Numbers to 120

recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts

Learning intention

- recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts

Teach and model

- reading, writing and naming numerals and ordering two-digit numbers from zero to at least 120, using patterns within the natural number system, including numbers that look...
- using number tracks or positioning a set of numbered cards in the correct order and relative location by pegging on an empty number line
- using hundreds charts to build understanding and fluency with numbers; for example, collaboratively building a hundreds chart using cards numbered from zero to 99...

Check understanding

- Explain the main idea in numbers to 120 using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.