

Recognise, represent and order natural numbers using naming and writing...

recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000

Learning intention

- recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000

Teach and model

- moving materials from one place to another on a place value model to show renaming of numbers; for example, 1574 can be shown as one thousand, 5 hundreds, 7 tens and 4...
- using the repeating pattern of place value names and spaces within sets of 3 digits to name and write larger numbers: ones, tens, hundreds, ones of thousands, tens of...
- predicting and naming the number that is one more than 99, 109, 199, 1009, 1099, 1999, 10 009 ... 99 999 and discussing what will change when one, one ten and one...

Check understanding

- Explain the main idea in recognise, represent and order natural numbers using naming and writing... 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.