

Skip counting and equal groups

quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting

Learning intention

- quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting

Teach and model

- counting a large collection of items using groups of fives or tens and skip counting to work out how many there are; recording the amount and connecting the digits in the...
- counting collections of objects such as pencils or images of birds in a tree, by grouping them in tens to enable efficient counting and connecting the digits in the...
- counting a large collection of Australian \$1 coins by stacking them into piles of 10, skip counting in tens and including any leftover coins to determine the total value

Check understanding

- Explain the main idea in skip counting and equal groups 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.