

# Collect, sort and compare data represented by objects and images...

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## Learning intention

- collect, sort and compare data represented by objects and images in response to given investigative questions that relate to familiar situations

## Teach and model

- collecting, and sorting data collected through everyday activities or events; for example, sorting toys into categories, such as “toys that move” and “toys that don’t...”
- collecting and deciding how to organise data to answer “Yes/No” questions; for example, “Do more people in our class today have shoes with laces than without?”; explaining...
- creating classroom charts and rosters using stickers to represent data; comparing and interpreting representations

## Check understanding

- Explain the main idea in collect, sort and compare data represented by objects and images... 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.