

Locate positions in two-dimensional representations of a familiar space; move...

locate positions in two-dimensional representations of a familiar space; move positions by following directions and pathways

Learning intention

- locate positions in two-dimensional representations of a familiar space; move positions by following directions and pathways

Teach and model

- interpreting maps of familiar places and identifying the position of key features
- understanding that we use maps to receive and give directions and to describe place and spatial relationships between places
- using a classroom seating plan to locate a new seating position and giving directions to other classmates to find their seats

Check understanding

- Explain the main idea in locate positions in two-dimensional representations of a familiar space; move... 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.