

Sources of water and describe key processes in the water...

identify sources of water and describe key processes in the water cycle, including movement of water through the sky, landscape and ocean; precipitation; evaporation; and condensation

Learning intention

- identify sources of water and describe key processes in the water cycle, including movement of water through the sky, landscape and ocean; precipitation...

Teach and model

- identifying everyday examples of precipitation (rain or snow), evaporation (wet washing or paint drying) and condensation of water (water droplets on a cold water bottle)
- identifying local water sources and exploring how they change over time, such as rain puddles that evaporate or a local creek that flows faster after rain
- exploring where tap water comes from and predicting what happens to water that goes down the drain

Check understanding

- Explain the main idea in sources of water and describe key processes in the water... 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.