

Construct arguments based on analysis of a variety of evidence...

construct arguments based on analysis of a variety of evidence to support conclusions or evaluate claims, and consider any ethical issues and cultural protocols associated with accessing, using or citing secondary data or information

Learning intention

- construct arguments based on analysis of a variety of evidence to support conclusions or evaluate claims, and consider any ethical issues and cultural protocols associated with...

Teach and model

- examining secondary data to determine the credibility of the source and the validity and reproducibility of the data
- identifying multiple sources of evidence that are consistent with a claim such as the effectiveness of a vaccine
- interrogating the evidence and reasoning used to justify claims regarding the age of ancient artefacts

Check understanding

- Explain the main idea in construct arguments based on analysis of a variety of evidence... 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.