Lesson materials

Grades 8-10 | AI literacy | Visual learning | 35 minutes

Read the fictional garden data. Follow the organizer: recorded detail to supported comparison to limit or missing information. Do not turn a small observation into a universal rule.

Vocabulary	Meaning
observation	A detail recorded during a check or measurement.
sample	The particular items or people studied.
cause	Something that produces an effect; a difference alone does not prove a cause.

Garden record

On Friday, one class measured two bean plants once. Plant A was 12 cm tall and Plant B was 9 cm tall. Both were measured from soil level to the highest point. The record gives no starting heights, watering history, or repeated trials.

Visual organizer

Recorded	A = 12 cm; B = 9 cm
Compare	A is 3 cm taller at this measurement
Limit	This record does not explain why.

Fictional AI summary

Plant A is 3 cm taller today. This proves that its watering method always makes every bean plant grow faster.

Check before concluding

Which measurement is recorded? What comparison can you calculate? Does the record supply enough evidence for a cause or an always claim?



Student response sheet

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Name _____ Date _____

Use page 2 as your reference. Explain your reasoning and cite relevant details.

1. Use the organizer to record the two heights and calculate their difference.

2. Identify one supported statement in the AI summary. Give its evidence.

3. Explain why the record cannot prove the watering claim. Name one missing detail.

4. Write a revised two-sentence summary containing a comparison and a clear limit.

