E · First source and own blank

Complete source · use one useful part in your usual communication

Assigned prediction case. Educator selects this page alone. Later source and all keys stay separate until this first response is captured. Do not preview later values, labels or diagrams. This is a new invented case, not your class's observation.

Complete first source

Four bean seedlings in each group start at the same recorded height. The fictional plan assigns different daily water amounts: A assigned 30 mL per container; B assigned 60 mL per container. It specifies the same seed variety/stage, container size, other scheduled conditions and daily check time. Actual light level, temperature, moisture and whether the schedule was followed are not recorded. These are constructed teaching observations, not an actual controlled trial, care prescription or instruction to alter living things. Every supplied mean includes all four initially labelled height records; no height is missing. The survival count is separate.

Day after start | A mean height (mm) | B mean height (mm)
0 | 15 | 15
3 | 19 | 17

The next check is proposed for Day 6. Its outcome and alive counts have not been supplied. No measurement of future conditions or survival is available.

Your first job

1. Calculate each group's recorded mean height increase from Day 0 to Day 3; include mm and three-day period. Name the condition the plan assigns differently.
2. Make a reasoned prediction about the relative mean heights at Day 6, or explain why a precise ranking is uncertain. Cite the earlier record, distinguish a prediction from a result and give one relevant uncertainty. Do not invent a future value or alive count.

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3. Pose an investigable next question and propose a fairer repeatable paper plan: changed condition, measured height/alive-at-check data, at least two controls, observation schedule and reference rule, one relevant risk/permission or school-review point. No investigation is required or approved by this page.

Read-aloud, calculator, AAC/sign, directed marks or exact-word transcription may support access. A content hint is recorded separately. Work alone on the first response; ask for the instructions to be repeated if needed.

Your own blank record

text
SOURCE / SAMPLE / PERIOD: _____
A INCREASE / WORKING / UNIT: _____
B INCREASE / WORKING / UNIT: _____
ASSIGNED CHANGED CONDITION: _____
MY PREDICTION / EARLIER DETAIL / UNCERTAINTY: _____
MY NEXT INVESTIGABLE QUESTION: _____
CHANGED / MEASURED / KEPT (two): _____
CHECK SCHEDULE / REFERENCE RULE: _____
RISK / SCHOOL OR PLACE PERMISSION / REVIEW: _____
OUTCOME: NOT OBSERVED _____

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Your neutral record · familiar communication or own paper is valid

E-FIRST · Your own generous neutral record

Use only this selected stage with its complete source and questions. Own paper, usual communication, a calculator or wanted exact-word scribing can replace these spaces. An access aid is not a content hint. Keep earlier work unchanged; do not write another stage or model into these fields.

1. SOURCE / SAMPLE / PERIOD:

2. A INCREASE / WORKING / UNIT:

3. B INCREASE / WORKING / UNIT:

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4. ASSIGNED CHANGED CONDITION:

5. MY PREDICTION / EARLIER DETAIL / UNCERTAINTY:

6. MY NEXT INVESTIGABLE QUESTION:

7. CHANGED / MEASURED / KEPT (two):

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8. CHECK SCHEDULE / REFERENCE RULE:

9. RISK / SCHOOL OR PLACE PERMISSION / REVIEW:

10. OUTCOME: NOT OBSERVED

Your own response, supplied values, actual operation, learner-directed helper operation and a plan remain distinct. A blank field is not a learner deficit or an invented result.

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