Specify a usable plan — response practice

Stage-separated edition · 2 November 2026

Specify a usable plan

Three separate trials of fresh 100 g samples starting at 10°C in a 22°C room. Cups/lids, position, 20-minute interval and reading procedure match within and across trials.

Matched final readings

Constructed teaching data: these values were invented for this activity, not collected in an experiment.

Trial	Sleeve J final (°C)	Sleeve K final (°C)
1	15	16
2	16	17
3	15	16

1. Which sleeve shows less warming across these trials? Does this prove a particular material property?

2. Write a paper retest plan: compared factor, matched conditions, measurement method, number of fresh trials, and fields to record. Do not invent new readings.