

Reteach · Specify a usable plan

Data B · 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

K2-B1. Which sleeve shows less warming across these trials? Does this prove a particular material property?

K2-B2. Write a paper retest plan: compared factor, matched conditions, measurement method, number of fresh trials, and fields to record. Do not invent new readings.

Fresh check

Data Bc · Fresh equal 100 g water, 23°C room, matching cups/lids and reading method. Times differ.

Check another plan

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

Setup	Start (°C)	Time (min)	Final (°C)
Sleeve R	11	20	16
Sleeve S	11	10	15

K2-B3. What needs repairing before attributing the result to the sleeve alone?