

Reteach · Subtraction does not fix a confound

Data A · Same 20 minutes in a 22°C room; cups, lids and method match. Sleeve and mass differ.

Equal starts, unequal masses

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

Setup	Mass (g)	Start (°C)	Final (°C)
Sleeve H	60	10	17
Sleeve J	120	10	15

K2-A1. Find both changes. Can the lower increase isolate a sleeve effect? Repair the comparison.

Fresh check

Data Ac · New equal samples in a 23°C room, same cups/lids, method and 15-minute exposure. This is one matched trial.

A matched comparison

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

Setup	Mass (g)	Start (°C)	Final (°C)
Sleeve U	100	12	17
Sleeve V	100	12	16

K2-A2. What bounded sleeve comparison is supported? What is not established?