

## Reteach · Initial claim and support

Before looking at new evidence, state what this record supports about limiting warming. Keep your statement visible.

**K5-D-A0 · Fresh 90 g;9°C start;21°C surroundings;16 min;matched complete sleeves J/K, cups/lids/exposure/procedure. Covered liquid water; no active heating/cooling, ice, phase change, direct sunlight or meaningful evaporative cooling. Room, cup, lid and supporting surfaces are at the stated surrounding temperature; it stays constant. Readings represent the sample temperature with a consistent procedure. This is a paper scenario, not apparatus instructions.**

### Initial comparisons

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

| Trial ID | Sleeve J final (°C) | Sleeve K final (°C) |
|----------|---------------------|---------------------|
| A-1      | 14                  | 17                  |
| A-2      | 15                  | 18                  |

**K5-A1. Write a bounded claim and the support for it. State a limit.**

Stop before turning to the next record.

## Reteach · Keep the evidence, change the claim

**K5-D-A1 · Six additional fresh 90 g trials; 9°C start; 21°C surroundings; 16 min; same versions/cups/lids/exposure/procedure as A0. No exclusions recorded. Covered liquid water; no active heating/cooling, ice, phase change, direct sunlight or meaningful evaporative cooling. Room, cup, lid and supporting surfaces are at the stated surrounding temperature; it stays constant. Readings represent the sample temperature with a consistent procedure. This is a paper scenario, not apparatus instructions.**

### New comparable evidence

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

| Trial ID | Sleeve J final (°C) | Sleeve K final (°C) |
|----------|---------------------|---------------------|
| A-3      | 18                  | 13                  |
| A-4      | 19                  | 14                  |
| A-5      | 18                  | 13                  |
| A-6      | 19                  | 14                  |
| A-7      | 18                  | 13                  |
| A-8      | 19                  | 14                  |

Fictional response 1: “Use only A-1/A-2; J is always better.” Fictional response 2: “A-8 is newest, so K must win.”

**K5-A2. Evaluate both responses. Keep all eight results and revise your earlier claim. Explain why weight and relevance, not just recency, matter.**

## Fresh recheck · Initial record

This is a new sequence; complete the initial claim before looking ahead.

**K5-D-Ac 0 ·Fresh 100 g;12°C start;24°C surroundings;14 min;matched U/V sleeves/cups/lids/procedure. Covered liquid water; no active heating/cooling, ice, phase change, direct sunlight or meaningful evaporative cooling. Room, cup, lid and supporting surfaces are at the stated surrounding temperature; it stays constant. Readings represent the sample temperature with a consistent procedure. This is a paper scenario, not apparatus instructions.**

### Initial recheck evidence

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

| Trial ID | Sleeve U final (°C) | Sleeve V final (°C) |
|----------|---------------------|---------------------|
| Ac-1     | 16                  | 19                  |
| Ac-2     | 16                  | 19                  |

**K5-A3. State a bounded claim and its support; mention what is not established.**

## Fresh recheck · Additional record

**K5-D-Ac 1 · Additional fresh 100 g;12°C start;24°C surroundings;14 min;same versions/cups/lids/exposure/procedure as Ac 0. Covered liquid water; no active heating/cooling, ice, phase change, direct sunlight or meaningful evaporative cooling. Room, cup, lid and supporting surfaces are at the stated surrounding temperature; it stays constant. Readings represent the sample temperature with a consistent procedure. This is a paper scenario, not apparatus instructions.**

### Additional recheck evidence

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

| Trial ID | Sleeve U final (°C) | Sleeve V final (°C) |
|----------|---------------------|---------------------|
| Ac-3     | 17                  | 20                  |
| Ac-4     | 16                  | 19                  |
| Ac-5     | 17                  | 20                  |

**K5-A4. Retain, narrow, change or remain uncertain? Explain using initial and new records. Revise only what the evidence warrants; name a useful next step.**