

Grade 4 Reading Comprehension Challenge

Worksheet Set 027

Grade 4 · Reading Comprehension · Challenge

Name: _____ Date: _____

Read the passage carefully. Then answer all 8 questions using details from the text.

Choosing Materials for a Cooler

On Tuesday, Samir joined a project at the science workshop to compare insulation.

The team labeled 6 observation points so every result could be traced to its source.

They used digital temperature probes and recorded the units beside each measurement.

Two students checked every entry before the group compared the results.

Their first comparison showed that wool kept the ice cold longest.

The group kept an unexpected result in the table and repeated that measurement instead of discarding it.

Based on the evidence, Samir proposed that the team repeat with equal material thickness.

The team saved its method, dates, and raw observations so another group could repeat the investigation.

Questions

Return to the passage and write a short, text-based answer for each item.

1. In "Choosing Materials for a Cooler", where did Samir work on the project?

2. In "Choosing Materials for a Cooler", what was the project's goal?

3. In "Choosing Materials for a Cooler", how many observation points were labeled?

4. In "Choosing Materials for a Cooler", which tool did the team use?

5. In "Choosing Materials for a Cooler", how did the students reduce recording errors?

6. In "Choosing Materials for a Cooler", what did the first comparison show?

7. In "Choosing Materials for a Cooler", what next step did Samir propose?

8. In "Choosing Materials for a Cooler", why did the team save its method and raw observations?

Answer Key

Each answer below is supported by a sentence in the passage.

1. science workshop	2. compare insulation
3. 6	4. digital temperature probes
5. two students checked every entry	6. wool kept the ice cold longest
7. repeat with equal material thickness	8. so another group could repeat the investigation