

Grade 4 Reading Comprehension Standard Worksheet Set 017

Grade 4 · Reading Comprehension · Standard

Name: _____ Date: _____

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

Improving a School Compost Bin

On Tuesday, Lucas joined a project at the cafeteria garden to balance compost materials.

The team labeled 10 observation points so every result could be traced to its source.

They used a moisture probe and recorded the units beside each measurement.

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

Their first comparison showed that the bin contained too many wet food scraps.

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

Based on the evidence, Lucas proposed that the team add dry leaves and monitor temperature.

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 "Improving a School Compost Bin", where did Lucas work on the project?

2. In "Improving a School Compost Bin", what was the project's goal?

3. In "Improving a School Compost Bin", how many observation points were labeled?

4. In "Improving a School Compost Bin", which tool did the team use?

5. In "Improving a School Compost Bin", how did the students reduce recording errors?

6. In "Improving a School Compost Bin", what did the first comparison show?

7. In "Improving a School Compost Bin", what next step did Lucas propose?

8. In "Improving a School Compost Bin", why did the team save its method and raw observations?

Answer Key

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

1. cafeteria garden	2. balance compost materials
3. 10	4. a moisture probe
5. two students checked every entry	6. the bin contained too many wet food scraps
7. add dry leaves and monitor temperature	8. so another group could repeat the investigation