

Grade 5 Reading Comprehension Standard Worksheet Set 032

Grade 5 · Reading Comprehension · Standard

Name: _____ Date: _____

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

Protecting Seeds from Salt

During early spring, Zoe joined a study at the plant science classroom to study how road salt affects germination.

The team marked 15 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with labeled trays and a conductivity meter and wrote the measurement conditions beside every result.

Before drawing a conclusion, the group checked unusual values and repeated one observation with a second reader.

The combined evidence showed that seeds in the highest-salt tray sprouted latest.

Because one comparison alone could not explain every difference, the team recorded a limitation in its report.

After discussing that limitation, Zoe recommended that the group test a lower salt range with more trays.

The final report linked each claim to its source data so another team could evaluate the reasoning.

Questions

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

1. In "Protecting Seeds from Salt", where did Zoe join the study?

2. In "Protecting Seeds from Salt", what was the study designed to do?

3. In "Protecting Seeds from Salt", how many samples did the team mark?

4. In "Protecting Seeds from Salt", which tools or records supported the observations?

5. In "Protecting Seeds from Salt", how did the group check an unusual value?

6. In "Protecting Seeds from Salt", what did the combined evidence show?

7. In "Protecting Seeds from Salt", what action did Zoe recommend?

8. In "Protecting Seeds from Salt", why did the report link each claim to source data?

Answer Key

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

1. plant science classroom	2. study how road salt affects germination
3. 15	4. labeled trays and a conductivity meter
5. repeated one observation with a second reader	6. seeds in the highest-salt tray sprouted latest
7. test a lower salt range with more trays	8. so another team could evaluate the reasoning