

Grade 4 Reading Comprehension Challenge

Worksheet Set 030

Grade 4 · Reading Comprehension · Challenge

Name: _____ Date: _____

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

Testing Natural Fabric Dyes

On Friday, Leila joined a project at the art studio to compare plant dyes.

The team labeled 9 observation points so every result could be traced to its source.

They used labeled cotton squares and recorded the units beside each measurement.

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

Their first comparison showed that onion-skin dye stayed darkest after rinsing.

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

Based on the evidence, Leila proposed that the team test color after sunlight exposure.

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 "Testing Natural Fabric Dyes", where did Leila work on the project?

2. In "Testing Natural Fabric Dyes", what was the project's goal?

3. In "Testing Natural Fabric Dyes", how many observation points were labeled?

4. In "Testing Natural Fabric Dyes", which tool did the team use?

5. In "Testing Natural Fabric Dyes", how did the students reduce recording errors?

6. In "Testing Natural Fabric Dyes", what did the first comparison show?

7. In "Testing Natural Fabric Dyes", what next step did Leila propose?

8. In "Testing Natural Fabric Dyes", why did the team save its method and raw observations?

Answer Key

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

1. art studio	2. compare plant dyes
3. 9	4. labeled cotton squares
5. two students checked every entry	6. onion-skin dye stayed darkest after rinsing
7. test color after sunlight exposure	8. so another group could repeat the investigation