

Grade 4 Reading Comprehension Easy Worksheet Set 040

Grade 4 · Reading Comprehension · Easy

Name: _____ Date: _____

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

Testing Wind Turbine Blades

On Friday, Mei joined a project at the renewable energy lab to compare model turbine blades.

The team labeled 12 observation points so every result could be traced to its source.

They used a fan and voltage meter and recorded the units beside each measurement.

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

Their first comparison showed that three angled blades produced the steadiest voltage.

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

Based on the evidence, Mei proposed that the team repeat at a lower fan speed.

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 Wind Turbine Blades", where did Mei work on the project?

2. In "Testing Wind Turbine Blades", what was the project's goal?

3. In "Testing Wind Turbine Blades", how many observation points were labeled?

4. In "Testing Wind Turbine Blades", which tool did the team use?

5. In "Testing Wind Turbine Blades", how did the students reduce recording errors?

6. In "Testing Wind Turbine Blades", what did the first comparison show?

7. In "Testing Wind Turbine Blades", what next step did Mei propose?

8. In "Testing Wind Turbine Blades", why did the team save its method and raw observations?

Answer Key

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

1. renewable energy lab	2. compare model turbine blades
3. 12	4. a fan and voltage meter
5. two students checked every entry	6. three angled blades produced the steadiest voltage
7. repeat at a lower fan speed	8. so another group could repeat the investigation