

Grade 5 Reading Comprehension Challenge

Worksheet Set 036

Grade 5 · Reading Comprehension · Challenge

Name: _____ Date: _____

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

Testing a School's Airflow

During late autumn, Dev joined a study at the school facilities lab to locate uneven airflow in classrooms.

The team marked 10 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with ribbon indicators and an airflow 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 blocked return vents caused the warmest corner.

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

After discussing that limitation, Dev recommended that the group clear the vents and repeat every reading.

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 "Testing a School's Airflow", where did Dev join the study?

2. In "Testing a School's Airflow", what was the study designed to do?

3. In "Testing a School's Airflow", how many samples did the team mark?

4. In "Testing a School's Airflow", which tools or records supported the observations?

5. In "Testing a School's Airflow", how did the group check an unusual value?

6. In "Testing a School's Airflow", what did the combined evidence show?

7. In "Testing a School's Airflow", what action did Dev recommend?

8. In "Testing a School's Airflow", why did the report link each claim to source data?

Answer Key

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

1. school facilities lab	2. locate uneven airflow in classrooms
3. 10	4. ribbon indicators and an airflow meter
5. repeated one observation with a second reader	6. blocked return vents caused the warmest corner
7. clear the vents and repeat every reading	8. so another team could evaluate the reasoning