

Grade 5 Reading Comprehension Standard Worksheet Set 011

Grade 5 · Reading Comprehension · Standard

Name: _____ Date: _____

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

Mapping Nighttime Light

During late autumn, Emmett joined a study at the neighborhood observatory to map sources of nighttime light.

The team marked 12 samples with dates and locations so later comparisons would use the same evidence.

Researchers collected observations with a light meter and street map 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 the brightest readings clustered near uncovered signs.

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

After discussing that limitation, Emmett recommended that the group ask two shops to test shielded fixtures.

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 "Mapping Nighttime Light", where did Emmett join the study?

2. In "Mapping Nighttime Light", what was the study designed to do?

3. In "Mapping Nighttime Light", how many samples did the team mark?

4. In "Mapping Nighttime Light", which tools or records supported the observations?

5. In "Mapping Nighttime Light", how did the group check an unusual value?

6. In "Mapping Nighttime Light", what did the combined evidence show?

7. In "Mapping Nighttime Light", what action did Emmett recommend?

8. In "Mapping Nighttime Light", why did the report link each claim to source data?

Answer Key

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

1. neighborhood observatory	2. map sources of nighttime light
3. 12	4. a light meter and street map
5. repeated one observation with a second reader	6. the brightest readings clustered near uncovered signs
7. ask two shops to test shielded fixtures	8. so another team could evaluate the reasoning