Shade Source Search

Notice how different sources strengthen a report.

5.W.5.e "Present the research information, choosing from a variety of sources."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the first mention of each different source, then number those mentions 1, 2, and 3 to track how the writer builds the report.

Where Should We Wait?

(1) On warm days, our schoolyard has two very different places to wait for the bus: the sunny blacktop and the shade under a maple tree. Why do they feel different? An article from the U.S. Environmental Protection Agency, or EPA, explains that paved surfaces absorb and hold heat from the sun. This source helps explain why the blacktop can feel so hot.

(2) The EPA article also says trees cool places by blocking sunlight and releasing water into the air. To see whether shade mattered at our school, I checked my own temperature notes from one sunny afternoon. A surface thermometer read 104°F on blacktop in direct sunlight and 83°F on blacktop under the maple tree. These numbers describe one afternoon, not every day.

(3) A school grounds worker told me in an interview that students often gather beneath the maple tree before the buses arrive. Her comment shows how students use the shade, but it cannot tell us how much cooler the ground is. The EPA article explains the science, my thermometer notes give a local example, and the interview describes what people do. Together, the sources make a clearer report.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which source best supports the claim that pavement holds heat from the sun? Why?

2. Which source gives the exact temperatures for the two spots? Why is that source useful?

3. What does the interview add that the temperature notes do not?

4. Which source would the writer need to add to or repeat to find out whether the shaded spot is cooler every day? Explain.

3 YOUR TURN

Your own words

Your school wants to choose a waiting spot for hot days. Write a three-sentence recommendation that names two different kinds of sources from the passage and explains how each supports your choice.

ANSWER KEY

Shade Source Search

GRADE 5 · 5.W.5.e

PART 1 · READ AND MARK

Underline the first mention of each different source, then number those mentions 1, 2, and 3 to track how the writer builds the report. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which source best supports the claim that pavement holds heat from the sun? Why?	**The EPA article, because it explains that paved surfaces absorb and hold heat.**
2	Which source gives the exact temperatures for the two spots? Why is that source useful?	**The writer's temperature notes give the readings. They provide a local comparison from one afternoon.**
3	What does the interview add that the temperature notes do not?	**It describes how students use the shade before the buses arrive.**
4	Which source would the writer need to add to or repeat to find out whether the shaded spot is cooler every day? Explain.	**The writer would need more temperature notes, with measurements taken on other days.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Students should wait under the maple tree on hot days. The EPA article explains that trees block sunlight and cool nearby places. The writer's temperature notes show that shaded blacktop was 83°F while sunny blacktop was 104°F on one afternoon.

Accept recommendations that name two different kinds of sources and accurately explain what each contributes. Students should not claim that one afternoon of measurements proves the shaded spot is cooler every day.