Trace the Source

Use varied sources and MLA citations to build a research-based recommendation.

9-10.W.5.e "Avoid plagiarism and over reliance on any one source and follow a standard format (e.g., MLA, APA) for citation."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the three sentences that report findings from sources. Write the same number beside each finding's parenthetical citation and its matching Works Cited entry.

A Cooler Route to School

1 At noon, a student walking from a tree-lined block into a wide parking lot may feel the air change. The contrast hints at an urban heat island, an area where buildings and pavement hold more heat than nearby land. NASA explains that dark surfaces absorb sunlight, while plants can cool their surroundings as water evaporates from leaves (NASA). A city cannot simply plant its way out of every hot street, however. The Environmental Protection Agency describes cool roofs as surfaces that reflect more sunlight than conventional roofs, reducing the heat they absorb (Environmental Protection Agency). Both sources point toward choices about surfaces, not just weather.

2 Roof choices also affect what happens inside buildings. The U.S. Department of Energy says cool roofs can lower a building's cooling needs, though a roof's benefits depend on factors such as climate and insulation (U.S. Department of Energy). That qualification matters: a reflective roof is not a universal fix. For a school deciding how to address summer heat, an informed plan might combine shade outside with a roof designed for its location. Reading several sources makes the proposal stronger because each adds a different piece: how heat builds up, which surfaces can change, and what limits a building solution.

3 A school board could first compare the hottest paved areas with the roofs scheduled for repair. It could then weigh shade and reflective roofing against cost and local climate. These steps turn research into a decision, not a list of borrowed claims. **Works Cited** Environmental Protection Agency. "Using Cool Roofs to Reduce Heat Islands." *U.S. Environmental Protection Agency*, www.epa.gov/heatislands/using-cool-roofs-reduce-heat-islands. NASA. "What Is an Urban Heat Island?" *NASA Climate Kids*, climatekids.nasa.gov/heat-islands/. U.S. Department of Energy. "Cool Roofs." *Energy Saver*, www.energy.gov/energysaver/cool-roofs.

2 ANSWER WITH EVIDENCE

Use the passage

1. Which finding does the writer attribute to NASA? Give the parenthetical citation that connects it to the Works Cited entry.

2. Identify the finding about cool roofs in the first paragraph. Which parenthetical citation credits its source?

3. What qualification from the U.S. Department of Energy would be missing if the writer relied only on the first paragraph's sources?

4. Find the Works Cited entry that matches (U.S. Department of Energy). What page title and website name does it provide?

3 YOUR TURN

Your own words

Write a four-sentence recommendation for cooling a school bus stop. Paraphrase findings from two different sources in the passage, give an MLA parenthetical citation for each finding, and add two matching Works Cited entries.

Trace the Source

PART 1 · READ AND MARK

Underline the three sentences that report findings from sources. Write the same number beside each finding's parenthetical citation and its matching Works Cited entry. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Which finding does the writer attribute to NASA? Give the parenthetical citation that connects it to the Works Cited entry.	**Dark surfaces absorb sunlight, and plants cool their surroundings as water evaporates from leaves. The citation is (NASA).**
2	Identify the finding about cool roofs in the first paragraph. Which parenthetical citation credits its source?	**Cool roofs reflect more sunlight than conventional roofs and absorb less heat. The citation is (Environmental Protection Agency).**
3	What qualification from the U.S. Department of Energy would be missing if the writer relied only on the first paragraph's sources?	**A cool roof's benefits depend on factors such as climate and insulation.**
4	Find the Works Cited entry that matches (U.S. Department of Energy). What page title and website name does it provide?	**The page title is "Cool Roofs," and the website name is *Energy Saver*.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Our school should plant trees beside the bus stop and choose a reflective roof when its shelter is replaced. Leaves can cool nearby air as water evaporates, so trees offer more than shade (NASA). Reflective roofs absorb less heat than conventional roofs, which makes that material worth considering for a new shelter (Environmental Protection Agency). Together, these changes would address both the waiting area and the surface above it.

Works Cited

Environmental Protection Agency. "Using Cool Roofs to Reduce Heat Islands." *U.S. Environmental Protection Agency*, www.epa.gov/heatislands/using-cool-roofs-reduce-heat-islands.

NASA. "What Is an Urban Heat Island?" *NASA Climate Kids*, climatekids.nasa.gov/heat-islands/.

For Part 3, accept other specific bus-stop recommendations if the student paraphrases two distinct sources, cites each by the name that begins its Works Cited entry, and includes two matching MLA entries.