A Cooler Corner

Find key ideas, supporting details, and words worth quoting.

5.W.5.c "Summarize and paraphrase important ideas and supporting details, and include direct quotations where appropriate, citing the source of information."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline the main idea in each paragraph, circle one detail that supports each idea, and box a short phrase you could quote.

How Trees Cool a Street

1. On a hot afternoon, a sidewalk under a tree may feel cooler than one in full sun. Leaves block some sunlight before it reaches the pavement. As a result, the pavement absorbs less heat. A tree's shade can also make a walk to school more comfortable. Shade does not change the weather for an entire town, but it can change how one small place feels.

2. Trees have another way to cool their surroundings. Their roots take in water, and some of that water moves through the tree and escapes from its leaves as vapor. This process is called transpiration. When water evaporates from leaves, it takes in heat from nearby air. Scientists study both shade and transpiration to understand why areas with trees often feel cooler than areas with few trees.

3. A new tree needs time before it can offer much shade. It also needs enough space for its roots and water while it gets established. Planting a tree in every open spot is not the answer. A place to start is a sunny bus stop where people wait outdoors. With careful planning and care, a young tree can become a pocket of shade for future riders.

2 ANSWER WITH EVIDENCE

Use the passage

1. In your own words, summarize the first paragraph's main idea and one detail that supports it. Cite the article.

2. Paraphrase how water moving through a tree can cool nearby air. Cite the article.

3. What limit on tree planting does the last paragraph explain? Paraphrase one supporting detail and cite the article.

4. Choose a short, exact phrase from the article that describes a benefit for people waiting outside. Use it in your own sentence with quotation marks and cite the article.

3 YOUR TURN

Your own words

Write a four-sentence note to your principal recommending a place for a tree near your school, but not at a bus stop. Paraphrase two supporting details from different paragraphs, include a short quotation, and cite the article's title.

ANSWER KEY

A Cooler Corner

GRADE 5 · 5.W.5.c

PART 1 · READ AND MARK

Underline the main idea in each paragraph, circle one detail that supports each idea, and box a short phrase you could quote. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	In your own words, summarize the first paragraph's main idea and one detail that supports it. Cite the article.	**A tree can cool a small area because its leaves shade pavement, helping it absorb less heat ("How Trees Cool a Street").**
2	Paraphrase how water moving through a tree can cool nearby air. Cite the article.	**Water taken in by a tree leaves its leaves as vapor, and that change takes in heat from nearby air ("How Trees Cool a Street").**
3	What limit on tree planting does the last paragraph explain? Paraphrase one supporting detail and cite the article.	**Trees cannot be planted in every open spot because they need room for their roots and water as they grow ("How Trees Cool a Street").**
4	Choose a short, exact phrase from the article that describes a benefit for people waiting outside. Use it in your own sentence with quotation marks and cite the article.	**A tree could give waiting riders "a pocket of shade" ("How Trees Cool a Street").**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Please consider planting a tree beside our sunny playground. Its leaves could shade the pavement, so the ground would soak up less heat. Trees also release water vapor from their leaves, which can cool nearby air. With room for its roots and regular water, a tree could make the nearby "walk to school more comfortable" ("How Trees Cool a Street").

Accept accurate paraphrases and other relevant short quotations. Citations should identify the passage title, and quoted words must match the passage exactly.