Shade Tree Sources

Use three texts to plan a research presentation

5.LF.38.c "Integrate information from several texts on the same topic into presentations of research."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline one useful fact in each text, then write the same number beside two facts from different texts that you could combine into one presentation point.

Where Should a Shade Tree Grow?

1. Text 1, A Schoolyard Heat Report: On a sunny afternoon, dark pavement can feel much hotter than nearby grass. A tree's leaves block some sunlight and can shade places where children wait or play. Shade can make outdoor spaces more comfortable, but it moves as the sun crosses the sky. A school that wants shade at dismissal should first notice where the afternoon sun falls.

2. Text 2, A Tree-Space Guide: Tree roots need room to spread through soil. A tree planted in a tiny opening in pavement may struggle because its roots cannot reach enough water and air. Branches also need space away from buildings and power lines. Some schools choose a planting bed beside a paved area rather than cutting a small hole in the middle of it.

3. Text 3, A Grounds Crew Note: Newly planted trees need regular watering while their roots grow into the soil. The grounds crew can water more easily when a hose can reach the planting spot. A layer of mulch over the soil helps hold moisture, but mulch should not touch the trunk. Before planting, a school should decide who will check the tree and water it during school breaks.

2 ANSWER WITH EVIDENCE

Use the passage

1. Combine a fact from Text 1 with a fact from Text 2. Why might a planting bed beside pavement be a useful place for a shade tree?

2. Your presentation is about shade at dismissal. What should the school check before choosing a spot? Use one fact from Text 1 and one from Text 2.

3. Use Texts 2 and 3 to explain why a presentation about a new tree should discuss both its planting space and its watering plan.

4. A hose cannot reach a proposed spot beside a busy paved area. What benefit and what concern should a presentation include? Use Texts 1 and 3.

3 YOUR TURN

Your own words

Write a four-sentence mini-presentation recommending how a school should choose and care for a new shade-tree site. Combine at least one fact from each text, and explain how the facts work together.

ANSWER KEY

Shade Tree Sources

GRADE 5 · 5.LF.38.c

PART 1 · READ AND MARK

Underline one useful fact in each text, then write the same number beside two facts from different texts that you could combine into one presentation point. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Combine a fact from Text 1 with a fact from Text 2. Why might a planting bed beside pavement be a useful place for a shade tree?	**A tree beside pavement could shade a hot place where children wait or play, while a planting bed gives its roots more room than a tiny opening in the pavement.**
2	Your presentation is about shade at dismissal. What should the school check before choosing a spot? Use one fact from Text 1 and one from Text 2.	**The school should check where the afternoon sun falls and whether the spot has enough soil for roots and space for branches away from buildings and power lines.**
3	Use Texts 2 and 3 to explain why a presentation about a new tree should discuss both its planting space and its watering plan.	**Roots need room in soil to reach water and air, and a newly planted tree needs regular watering while its roots grow.**
4	A hose cannot reach a proposed spot beside a busy paved area. What benefit and what concern should a presentation include? Use Texts 1 and 3.	**The tree could shade children near the hot pavement, but the spot would be harder for the grounds crew to water regularly.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Our school should look for a wide soil bed near the paved place where students wait. We should check the afternoon sun to see whether a tree there could shade students at dismissal. The spot must give roots room and keep branches clear of buildings and power lines. A hose should reach the bed, and someone should water the young tree during school breaks.

Accept other supported combinations of facts that explain how the texts work together. For the mini-presentation, look for a clear recommendation that uses all three texts, not three unrelated facts.