

Light With Purpose

Trace how a model argument moves from a thesis to a conclusion.

7.W.2 "Organization and Composition Generate and organize ideas using the writing process (planning, drafting, revising, editing) to develop multi-paragraph texts..."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Read this fictional school proposal, informed by lighting guidance. Underline the position sentence. Circle First, In addition and Therefore and consider how each links ideas.

A Brighter Way to Light School

- ① Our school should replace unshielded parking-lot lamps with fully shielded, warm-colored LED fixtures. The bright globes now shine sideways and upward, leaving harsh glare at eye level while wasting light above the pavement. At dismissal, students walking to buses can see a glowing haze, but the curb and crosswalk still contain dark patches. A better design aims light downward, where people need it. With suitable brightness and controls, this change could improve useful visibility and reduce wasted light.
- ② First, shielded fixtures can make the ground easier to see. DarkSky International explains that shielding directs light toward its target instead of into nearby eyes or the sky. When a lamp sends light upward, that light does not help a driver notice a backpack near the curb. In addition, warmer LEDs contain less blue-rich light than many cool-white LEDs. DarkSky cautions that blue-rich outdoor light can worsen sky glow over a larger area.
- ③ Therefore, the school could test several shielded fixtures near the bus loop and ask drivers and students to report visibility. Staff should check brightness at the curb and crosswalk, aiming light where needed. The facilities team could compare electricity use and replace older lamps in stages. The goal is useful visibility with less glare and upward light; savings depend on the equipment, brightness and operating hours. Measurements would show whether the pilot meets these goals before wider changes.

2 ANSWER WITH EVIDENCE Use the passage

1 What is the writer's thesis statement?

2 What central idea does paragraph 2 develop to support the thesis?

3 Which detail explains why shielded fixtures can reduce glare?

4 How does the transition word Therefore connect paragraph 3 to the earlier paragraphs?

3 YOUR TURN Your own words

Write a three-paragraph argument, with 6 to 8 sentences, for one improvement at your school. Include a clear thesis in the first paragraph, at least two transition words, a precise detail or example that supports a reason, and a concluding statement. Keep a plan and first draft, then reread, revise and edit a separate final argument. The final text must still have three paragraphs and 6-8 sentences. Record a completed revision and edit. Label imagined observations.

1. Plan

Name the audience and thesis. Plan one purpose for each paragraph and a supporting example.

2. First draft

Write your first version in the required paragraphs. Leave a blank line between paragraphs and keep this draft visible.

3. Revise and edit

Reread for a thesis, precise support and a conclusion. Write the final three paragraphs with 6-8 sentences total and at least two transitions. Leave a blank line between paragraphs. Check sentence boundaries, capitals and punctuation.

4. Change record

Explain one improvement to the support or paragraph order. Show an actual before-and-after edit.

PART 1 • READ AND MARK

Read this fictional school proposal, informed by lighting guidance. Underline the position sentence. Circle First, In addition and Therefore and consider how each links ideas. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What is the writer's thesis statement?	Our school should replace unshielded parking-lot lamps with fully shielded, warm-colored LED fixtures.
2	What central idea does paragraph 2 develop to support the thesis?	Shielded, warm-colored lighting can improve useful visibility and reduce sky glow when designed appropriately.
3	Which detail explains why shielded fixtures can reduce glare?	Shielding directs light toward its target instead of into nearby eyes or the sky.
4	How does the transition word Therefore connect paragraph 3 to the earlier paragraphs?	It signals that the testing and replacement plan follows from the reasons and evidence about better lighting.

PART 3 · YOUR TURN (SAMPLE ANSWER)

Plan: Audience: principal. Thesis: add a refill station outside the gym. Paragraphs: need; example of bottle filling; maintenance and conclusion. The school situation is imagined.

First draft: Our school should add a refill station outside the gym. Athletes have to wait.

A bottle station could help. It would be easier to use.

Signs could tell students what to do. The station need a maintenance plan.

Rereading: The order is clear, but the reasons are vague. I will add a bottle-filling example and a maintenance next step without promising guaranteed results.

Revised text: Our school should install a refill station outside the gym. The existing fountain has one short spout, so athletes may wait after practice.

First, a bottle station could make filling easier. For example, a player carrying an empty reusable bottle could fill it without tilting it under a drinking spout.

In addition, clear signs could tell students where to report spills. The station needs regular cleaning and maintenance. Therefore, the school should ask facilities staff to assess space, cost and upkeep before approving this practical improvement.

Changes made: I replaced vague claims with a bottle-filling example and a request to assess upkeep. I corrected "The station need" to "The station needs."

The schools, people, counts, quotes and local observations are invented classroom examples. Students must support real observations or label imagined scenarios. General lighting background: DarkSky International, Solutions to light pollution, <https://darksky.org/resources/what-is-light-pollution/light-pollution-solutions/> . Shielding and appropriate warm light can reduce glare and skyglow; the fictional pilot must test visibility and energy use. Require actual planning, first draft, revision and edit, with three final paragraphs and 6-8 sentences. The sample has seven sentences; its example is hypothetical. In the reading, the first sentence is the thesis, First adds an initial reason, In addition adds another, and Therefore links the reasons to a measured pilot. Accept source-supported question answers; benefits are design goals, not guarantees.