Exercise walk-through

3.2
School Service Project Based Learning (PBL) Planning

GAC Study and Communication Skills

Method — Key knowledge: evidence before a claim

A **baseline** is a starting observation. A **success criterion** states what will count as success before results are known. Keep the task, group size, conditions and limits visible.

A **constraint** is a limit such as budget, permission or time. A **milestone** is a checkable point with evidence of completion. A task that needs an earlier result cannot honestly be marked complete before that input is available. A deliverable is something made; the user outcome must be checked separately.

Method — Source A: task and starting record

The fictional team asks twenty volunteers who have not seen the proposed signs to find an appropriate study space within two minutes. Nine succeed. The pre-written target for the later sign trial is at least sixteen of twenty new volunteers, with the same entrance, task instruction and two-minute limit.

The team may spend at most 80 yuan on materials. The librarian must approve positions before installation; exits and safety notices must remain clear. Observations are anonymous and participation is voluntary. The planned deliverable is a removable sign set, not a guarantee that every visitor finds a room.

Method — Source B: actions and current evidence

The plan allocates days 1–2 to baseline observations, day 3 to two sketches, day 4 to the librarian's decision, days 5–11 to the approved one-week sign trial, and day 12 to sharing the result. Rui prepares sketches, Mei requests permission, and Lin and Arun collect anonymous observations.

At the end of day 4, the librarian has requested a location change and has not approved the revised positions. Rui writes "installation complete" because the signs have been printed. The material receipt totals 72 yuan. No signs are installed and no later visitor trial has happened.

Method — Worked example: connect the action to its evidence

Known: the printed materials cost 72 yuan, within the 80-yuan cap. Printing is a deliverable step, not installation or approval. The revised positions still need the librarian's decision.

Why revise the calendar? The trial needs approved installation first. Mark printing complete, keep approval and installation open, request the location decision, and schedule a full one-week trial after permitted installation. If that moves sharing beyond day 12, record the change rather than silently shortening the trial or inventing a result.

A printed sign does not complete the approval, installation or one-week trial milestones.

Exercises 2.1·2.3

2.1 State the baseline result and the pre-written success criterion, retaining the group sizes. [2]

2.2 Identify the deliverable already made and the permission step still open at the end of day 4. [2]

2.3 State THREE relevant limits on the team's trial or installation. [3]

Exercises 2.1·2.3

2.1 State the baseline result and the pre-written success criterion, retaining the group sizes. [2]

2.1 Baseline: nine of twenty complete the task within two minutes. Target: at least sixteen of twenty new volunteers under the stated task conditions.

2.2 Identify the deliverable already made and the permission step still open at the end of day 4. [2]

2.2 The signs have been printed. Revised positions have not been approved by the librarian. Printing is not installation.

2.3 State THREE relevant limits on the team's trial or installation. [3]

2.3 Award B1 each, maximum 3: 80-yuan material cap; location approval before installation; clear exits/safety notices; anonymous records; voluntary participation; a full one-week trial. Accept distinct supplied constraints.

Exercises 2.4·3.1

2.4 Correct Rui's completion record and propose a three-step response to the delayed permission. [3]

3.1 Evaluate THREE claims: "72 yuan proves the service works"; "Printed signs mean installation is complete"; "A later poor result can be hidden by lowering the original target". Give a correction and reason for each. [6]

Exercises 2.4·3.1

2.4 Correct Rui's completion record and propose a three-step response to the delayed permission. [3]

2.4 Record printing complete and approval/installation open. Request the revised-location decision before installing. Replan a full one-week trial and sharing date after approval, recording the change. Do not presume approval or shorten the trial silently.

3.1 Evaluate THREE claims: "72 yuan proves the service works"; "Printed signs mean installation is complete"; "A later poor result can be hidden by lowering the original target". Give a correction and reason for each. [6]

3.1 Award 2 per claim: correction, reason. Spending within the cap shows budget compliance, not a visitor outcome. Printing cannot establish installation, which is explicitly not done and still needs approval. Keep the original target and report the actual result; revising a future target cannot change what the original trial achieved.

Exercise 3.2

3.2 Write an 80–110 word status report to the librarian. Include the baseline and target, printed materials and cost, pending location decision, the corrected status and a full trial/review plan. Do not claim a visitor improvement. [8]

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3.2 Local analytic rubric, 8 × B1: baseline with denominator; original target and comparable task; printed deliverable; accurate cost/cap; permission pending/no installation; corrected status; full permitted trial and recorded sharing-date/result review; coherent truthful 80–110 word report. Example: “Our baseline recorded nine successes in twenty attempts within two minutes. The later target remains at least sixteen of twenty new volunteers under the same task conditions. We have printed the signs and spent 72 yuan, within the 80-yuan cap. However, the revised positions are not approved and installation has not happened. We have corrected the record to show printing complete and permission pending. Please review the revised locations. After approval we will install the permitted version and run the full one-week trial, keeping anonymous voluntary observations. We will record any change to the sharing date and report the result against the original target.”