

Cornell Guided Notes

Biotechnology for Health (Biomedical Innovations) | 2027-02-16

Name

Period

Date

Lesson

Lesson focus

Prototype revision log

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Record a revision log documenting how feedback changed your ER prototype. Big idea: Design revision is not failure -- it is the mechanism by which evidence improves prototypes, and logging it makes the improvement visible.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- design brief
- floor plan
- process flow
- staffing
- human factors

My notes, examples, and questions

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Cornell Notes - Continued

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Must-know ideas
What should I understand by the end?

- How to write a revision log entry that links a design change to a specific criterion or piece of evidence.
- Why documenting rejected alternatives shows rigorous design thinking rather than indecision.
- How a revision log becomes the primary evidence that feedback improved the prototype.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10: Collect feedback: review peer comments on your floor plan and flowchart from this week
- 10-30: Log accepted changes: for each revision, record what changed and why (tie to criterion or evidence)
- 30-50: Log rejected alternatives: note one change you considered but decided against, with reasoning
- 50-65: Verify that every logged change traces to a criterion or constraint from your design brief
- 65-77: Submit the prototype revision log
- 77-80: Exit reflection: which revision do you think improved the design most, and what is your evidence?

My notes, examples, and questions

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Steps and evidence
What do I do and turn in?

- Collect feedback on your floor plan and flowchart.
- List each change you made and the reason for it.
- Tie each change to a criterion or constraint.
- Note one change you considered but rejected, with reasoning.
- Submit the prototype revision log.

Evidence: Lab report - Prototype revision log: accepted changes tied to criteria or evidence, and at least one rejected alternative with reasoning.

My notes, examples, and questions

Checks for understanding
How do I know I got it?

- Your log links each revision to evidence or a criterion.
- You can justify a design change and a rejected alternative.

My notes, examples, and questions

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Lab or safety notes
What must I handle carefully?

Supplies:

- Lab computers with CAD or floor-plan software
- Graph paper for hand sketches
- Ruler and pencil
- Printout of design brief
- Patient-flow diagram from prior week
- Shared project folder for exports

My notes, examples, and questions

Summary

Today's lesson focused on Prototype revision log. The main target was: Record a revision log documenting how feedback changed your ER prototype. The evidence of learning is Lab report: Prototype revision log: accepted changes tied to criteria or evidence, and at least one rejected alternative with reasoning.. In my own words, the most important idea from today is:

My summary

My final question or connection