

Cornell Guided Notes

Biotechnology for Health (Biomedical Innovations) | 2027-01-19

Name

Period

Date

Lesson

Lesson focus

BI launch and syllabus

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Orient to the Biomedical Innovations course and confirm access to the PLTW online shell and the daily evidence routine. Big idea: Biomedical Innovations is a design-and-evidence course where every class period produces a documented artifact.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- innovation
- prototype
- constraint
- criterion
- evidence
- PPE

My notes, examples, and questions

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Cornell Notes - Continued

Key words and questions

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

- The daily-submission and weekly-summative rhythm that structures the course.
- How to locate Problem 1 in the PLTW course shell.
- The vocabulary that underpins the engineering design process: innovation, prototype, constraint, criterion, evidence.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10: Welcome and course overview: syllabus walk-through and commitment card
- 10-25: PLTW shell login: locate Problem 1 and confirm access with instructor
- 25-40: Safety contract review: sign acknowledgment and note its portfolio location
- 40-60: Design-process vocabulary: define innovation, prototype, constraint, criterion, evidence; pair-share examples
- 60-75: Syllabus-and-login check: complete and submit access confirmation
- 75-80: Exit preview: what is one question you still have about the course?

My notes, examples, and questions

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Steps and evidence What do I do and turn in?

- Read the BI course commitments: a submission every day and a summative check every week.
- Log in to the PLTW course shell and confirm you can open Problem 1.
- Sign the safety contract acknowledgment and note where it lives in the portfolio.
- Preview the design-process vocabulary: innovation, prototype, constraint, criterion, evidence.
- Submit a syllabus-and-login check confirming access to every tool.

Evidence: Exit ticket - Syllabus-and-login check confirming access to the PLTW shell, portfolio folder, and safety contract location.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- You can open the PLTW shell and locate Problem 1.
- You can explain the daily-submission and weekly-summative rhythm.

My notes, examples, and questions

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Cornell Notes - Continued

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Lab or safety notes
What must I handle carefully?

Supplies:

- Safety goggles
- Nitrile gloves
- Lab apron or coat
- Eyewash station
- Chemical waste container
- Printed or digital Safety Data Sheet
- Bound design notebook

My notes, examples, and questions

Summary

Today's lesson focused on BI launch and syllabus. The main target was: Orient to the Biomedical Innovations course and confirm access to the PLTW online shell and the daily evidence routine. The evidence of learning is Exit ticket: Syllabus-and-login check confirming access to the PLTW shell, portfolio folder, and safety contract location.. In my own words, the most important idea from today is:

My summary

My final question or connection