Cornell Guided Notes

Biotechnology for Health (Biomedical Innovations) | 2027-03-22

Name	Period	Date	Lesson
		2027-03-22	

Lesson focus

Exposure map submit

Key words and questions	Prepared details and student notes

Essential question
What is today's target?

Assemble and submit a completed environmental exposure map for Problem 4. Big idea: A complete exposure map integrates evidence from pathway to mitigation in one document.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- toxin
- exposure
- dose
- pollutant
- bioaccumulation
- risk

My notes, examples, and questions

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Cornell Notes - Continued

Key words and questions	Prepared details and student notes
Must-know ideas **What should I understand by the end?**	- All quantitative claims in the map need a source citation. - The map should be readable by a non-scientist, not just a trained toxicologist. - Confirming submission in the tracker closes the Problem 4 evidence loop. **My notes, examples, and questions**
Process notes **What happens during class?**	- 0-5 min: Warm-up: what is the one thing your map is missing right now? - 5-25 min: Combine pathway diagram, data analysis table, and mitigation notes into one document - 25-45 min: Label source, pathway, dose, at-risk population; add citations for all data - 45-60 min: Readability check: swap with a partner and note one confusing label to fix - 60-72 min: Fix flagged items; confirm tracker shows Problem 4 complete - 72-80 min: Submit exposure map and screenshot LMS confirmation **My notes, examples, and questions**

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Cornell Notes - Continued

Key words and questions	Prepared details and student notes
Steps and evidence **What do I do and turn in?**	- Combine your pathway diagram, data analysis, and mitigation notes. - Label the source, pathway, dose, and at-risk population clearly. - Add citations for your data and threshold values. - Check that the map communicates risk to a non-expert. - Submit the exposure map and confirm it appears in your tracker. Evidence: Lab report - Complete environmental exposure map integrating pathway diagram, dose data with threshold comparison, mitigation recommendations, citations, and at-risk population label. **My notes, examples, and questions**
Checks for understanding **How do I know I got it?**	- Your exposure map integrates pathway, data, and mitigation. - The map is cited and submitted to the tracker. **My notes, examples, and questions**

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Cornell Notes - Continued

Key words and questions	Prepared details and student notes
Lab or safety notes **What must I handle carefully?**	Supplies: - Computer with internet access - Printed or digital environmental dataset - Design notebook - Graph paper or spreadsheet - Calculator - Colored pencils for pathway diagram **My notes, examples, and questions**

Summary

Today's lesson focused on Exposure map submit. The main target was: Assemble and submit a completed environmental exposure map for Problem 4. The evidence of learning is Lab report: Complete environmental exposure map integrating pathway diagram, dose data with threshold comparison, mitigation recommendations, citations, and at-risk population label.. In my own words, the most important idea from today is:

My summary

My final question or connection