Cornell Guided Notes

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

Name	Period	Date	Lesson
		2027-03-03	

Lesson focus

Biometric-privacy debate

Key words and questions	Prepared details and student notes
Essential question **What is today's target?**	Debate how biometric data privacy should constrain physiological research and design. Big idea: Biometric privacy is not an abstract policy question -- it constrains the design of every physiological study, including yours. **My notes, examples, and questions**
Key words **What vocabulary unlocks the lesson?**	- bias - limitation - replication - statistical significance - evidence **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?**	- What a biometric-privacy safeguard is and why researchers are obligated to build them into study protocols. - How to argue a position on a specific safeguard using CER. - How the privacy debate connects to the data you collected and will now analyze. **My notes, examples, and questions**
Process notes **What happens during class?**	- 0-10: Frame the debate: what biometric data did you collect, and what could happen if it were mishandled? - 10-25: Debate prep: write two questions and draft a CER position on a required privacy safeguard - 25-55: Structured debate: argue positions and record the strongest opposing safeguard - 55-65: Relate to your analysis: how does this safeguard apply to how you will report your own data? - 65-77: Submit two questions, CER contribution, and reflection - 77-80: Exit check: name one concrete action you will take in your analysis report based on today's debate **My notes, examples, and questions**

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Steps and evidence **What do I do and turn in?**	- Prepare two questions about biometric privacy and data sharing. - Draft a CER position on a privacy safeguard researchers should require. - Debate with peers and record a strong opposing view. - Relate the safeguard to your own analysis and reporting. - Submit two questions, one CER contribution, and a reflection. Evidence: CER - CER contribution arguing for a specific biometric-privacy safeguard in physiological research, plus two questions and a reflection on applying it to your own analysis. **My notes, examples, and questions**
Checks for understanding **How do I know I got it?**	- You can argue a biometric-privacy position with evidence. - You can name a safeguard relevant to your own data. **My notes, examples, and questions**

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Lab or safety notes **What must I handle carefully?**	Supplies: - Lab computers with spreadsheet software - Saved physiology dataset from prior week - Graphing or charting tool - CER conclusion template - Calculator - Projector for sharing graphs **My notes, examples, and questions**

Summary

Today's lesson focused on Biometric-privacy debate. The main target was: Debate how biometric data privacy should constrain physiological research and design. The evidence of learning is CER: CER contribution arguing for a specific biometric-privacy safeguard in physiological research, plus two questions and a reflection on applying it to your own analysis.. In my own words, the most important idea from today is:

My summary

My final question or connection