

Cornell Guided Notes

Biotechnology for Health (Biomedical Innovations) | 2027-03-23

Name

Period

Date

Lesson

Lesson focus

Graph draft

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Build a clear data table and draft a graph that represents your environmental data accurately. Big idea: An accurate graph is the foundation for every evidence-based environmental claim.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- graph
- trend
- outlier
- error
- correlation
- causation

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?

- Graph type selection depends on whether your variables are categorical, continuous, or time-based.
- Axis titles and units are required; a graph without them cannot be interpreted by anyone else.
- An outlier decision must be justified, not silently dropped.

My notes, examples, and questions

Process notes
What happens during class?

- 0-5 min: Warm-up: which graph type would best show how air quality changes over a week?
- 5-20 min: Clean and label your data table with column headers and units
- 20-40 min: Choose graph type and plot data with titled, scaled axes
- 40-55 min: Identify outliers; note your decision to keep or flag each one
- 55-70 min: Write one trend sentence based on the graph
- 70-80 min: Exit ticket: submit graph draft and trend sentence

My notes, examples, and questions

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Steps and evidence
What do I do and turn in?

- Organize your data into a clean table with labeled columns and units.
- Choose a graph type that fits your variables.
- Plot the data with titled axes and an appropriate scale.
- Mark any outliers and decide whether to keep or flag them.
- Write one sentence describing the trend the graph shows.

Evidence: Data table - Clean labeled data table plus a drafted graph with titled and scaled axes, outlier notes, and one trend sentence.

My notes, examples, and questions

Checks for understanding
How do I know I got it?

- Your graph has titled, scaled axes and accurate plotted data.
- You identified and justified handling of any outlier.

My notes, examples, and questions

Lab or safety notes
What must I handle carefully?

No special lab safety notes today. Follow normal classroom and digital-work expectations.

My notes, examples, and questions

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Summary

Today's lesson focused on Graph draft. The main target was: Build a clear data table and draft a graph that represents your environmental data accurately. The evidence of learning is Data table: Clean labeled data table plus a drafted graph with titled and scaled axes, outlier notes, and one trend sentence.. In my own words, the most important idea from today is:

My summary

My final question or connection