

# Cornell Guided Notes

Principles of Biomedical Technology (Principles of Biomedical Science) | 2026-09-25

Name

Period

Date

Lesson

## Lesson focus

Write the report CER

## Key words and questions

## Prepared details and student notes

**Essential question**  
**What is today's target?**

Write a full investigative CER report integrating all evidence and acknowledging limitations.  
Big idea: A forensic CER report is the written translation of an evidence board into a logical argument that can be read and challenged by anyone.

**My notes, examples, and questions**

**Key words**  
**What vocabulary unlocks the lesson?**

- synthesis
- forensic report
- limitation
- reliability
- expert testimony
- conclusion

**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?**

- A strong CER report opens with the claim, then provides one piece of evidence from each stream, then reasons through how the streams converge.
- Conflicting evidence must be addressed and either explained (with a reason) or acknowledged as an unresolved limitation.
- Limitations that qualify a conclusion are not weaknesses in the argument; they are signs of scientific honesty and increase the credibility of the report.

**My notes, examples, and questions**

**Process notes**  
**What happens during class?**

- 0:00: Review the CER report structure with a class example; annotate what goes in each section
- 0:12: Students draft the claim sentence; teacher circulates and gives rapid feedback
- 0:22: Draft the evidence section: one item per stream, specific and attributed to the correct collection method
- 0:42: Draft the reasoning section: convergence argument plus conflict resolution
- 1:02: Draft the limitations paragraph: at least two limitations that qualify the conclusion
- 1:05: Peer review: swap reports, check that all four streams are cited and at least one limitation is stated
- 1:15: Revise based on peer feedback; preview Friday final submission

**My notes, examples, and questions**

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#### Steps and evidence What do I do and turn in?

- State your cause-of-death claim clearly.
- Cite evidence from each of the four streams that supports the claim.
- Reason through how the evidence converges on the conclusion.
- Address conflicting evidence and explain how you resolved it.
- List the limitations that qualify your conclusion.

Evidence: CER - Full investigative CER report: a clear cause-of-death claim, one piece of evidence cited from each of the four streams, a convergence reasoning paragraph, a conflict-resolution sentence, and at least two limitations.

#### My notes, examples, and questions

#### Checks for understanding How do I know I got it?

- I can write a CER integrating multiple evidence streams.
- I can acknowledge limitations that qualify a conclusion.

#### 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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## Cornell Notes - Continued

### Summary

Today's lesson focused on Write the report CER. The main target was: Write a full investigative CER report integrating all evidence and acknowledging limitations. The evidence of learning is CER: Full investigative CER report: a clear cause-of-death claim, one piece of evidence cited from each of the four streams, a convergence reasoning paragraph, a conflict-resolution sentence, and at least two limitations.. In my own words, the most important idea from today is:

**My summary**

**My final question or connection**