

Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2026-08-28

Name

Period

Date

Lesson

Lesson focus

Bioethics debate: isolation vs autonomy

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Debate whether public health can require isolation during an outbreak, weighing community safety against personal freedom. Big idea: When does a community's right to safety outweigh an individual's right to freedom?

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- pathogen
- symptom
- sign
- outbreak
- epidemiology
- reservoir
- vector

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?

- Isolation separates people who are confirmed ill; quarantine separates those exposed but not yet symptomatic.
- A CER argument has three parts: Claim (your position), Evidence (facts that support it), and Reasoning (why the evidence matters).
- Public health law grants governments limited authority to restrict movement when a communicable disease threatens others.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10 min: Read the isolation scenario and define isolation vs quarantine in your notebook
- 10-25 min: Draft your CER: write claim, one reason, one evidence sentence
- 25-45 min: Partner exchange: find someone who disagrees; record their strongest counterpoint
- 45-60 min: Write your rebuttal sentence; revise claim or reasoning if the counterpoint exposed a gap
- 60-72 min: Post your CER to the discussion board
- 72-80 min: Read two classmates' CERs and leave a one-sentence response to each

My notes, examples, and questions

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Steps and evidence What do I do and turn in?

- Read the scenario: a contagious outbreak begins and officials consider mandatory isolation.
- Write your Claim: should isolation be required, voluntary, or never forced?
- Add one Reason and one piece of Evidence (think about how the disease spreads).
- Find a partner who disagrees and exchange your strongest reasons calmly.
- Add a Rebuttal sentence that answers your partner's best point.
- Post your finished CER to the discussion board and read two classmates' positions.

Evidence: CER - Written CER on mandatory isolation: claim, evidence, reasoning, and a rebuttal addressing one opposing point.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- You will be able to argue a position on isolation using a CER structure.
- You will be able to weigh community safety against individual autonomy.
- You will be able to respond to an opposing argument with a rebuttal.

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 Bioethics debate: isolation vs autonomy. The main target was: Debate whether public health can require isolation during an outbreak, weighing community safety against personal freedom. The evidence of learning is CER: Written CER on mandatory isolation: claim, evidence, reasoning, and a rebuttal addressing one opposing point.. In my own words, the most important idea from today is:

My summary

My final question or connection