

Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2026-08-25

Name

Period

Date

Lesson

Lesson focus

Lab notebook and portfolio

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Set up the notebook and digital portfolio habits you will use to document every investigation this year. Big idea: Why does precise documentation make science repeatable and trustworthy?

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- intervention
- diagnosis
- prognosis
- evidence
- safety
- PPE

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 complete lab notebook entry has at minimum: date, question, procedure, data, interpretation, and next step.
- Documentation must be specific enough that someone else could repeat your exact procedure.
- Digital portfolios create a permanent record that connects raw data to final conclusions.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10 min: Number notebook pages and write the table of contents header on page one
- 10-20 min: Copy the six-part entry template and discuss each component as a class
- 20-40 min: Write a practice entry documenting yesterday's safety lesson using all six parts
- 40-55 min: Log in to the PLTW course shell, locate the submission folder, and upload a photo or scan of your entry
- 55-70 min: Partner self-check: swap notebooks and test whether a stranger could repeat what you described
- 70-80 min: Add any missing details flagged by your partner; confirm upload is visible in the course shell

My notes, examples, and questions

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Cornell Notes - Continued

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Steps and evidence What do I do and turn in?

- Number the first ten pages of your notebook and reserve page one for a table of contents.
- Copy the entry template: Date, Question, What I did, Data, What it means, Next step.
- Write a practice entry about yesterday's safety lesson using all six template parts.
- Open the online PLTW course shell and confirm you can log in and find where work is submitted.
- Upload a photo or scan of your practice entry to your portfolio folder so you know the workflow.
- Self-check: does your entry let a stranger repeat what you did? Add one missing detail if not.

Evidence: Notebook check - First complete six-part notebook entry documenting the safety lesson; photographed and uploaded to the portfolio.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- You will be able to keep a complete, repeatable lab notebook entry.
- You will be able to log in to the PLTW course shell and submit work.
- You will be able to explain why documentation matters in science.

My notes, examples, and questions

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Cornell Notes - Continued

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Lab or safety notes
What must I handle carefully?

Supplies:

- Splash goggles (ANSI Z87)
- Nitrile gloves
- Lab apron
- Printed or online SDS for the assigned chemical
- Class set of GHS pictogram reference
- Known location of eyewash, shower, extinguisher, sharps/biohazard bin

My notes, examples, and questions

Summary

Today's lesson focused on Lab notebook and portfolio. The main target was: Set up the notebook and digital portfolio habits you will use to document every investigation this year. The evidence of learning is Notebook check: First complete six-part notebook entry documenting the safety lesson; photographed and uploaded to the portfolio.. In my own words, the most important idea from today is:

My summary

My final question or connection