

# Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2027-01-20

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**

# Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2027-01-20

## Cornell Notes - Continued

### Key words and questions

### Prepared details and student notes

**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**

# Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2027-01-20

## Cornell Notes - Continued

### Key words and questions

### Prepared details and student notes

#### 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

# Cornell Guided Notes

Genetics of Disease (Medical Interventions) | 2027-01-20

## Cornell Notes - Continued

### Key words and questions

### Prepared details and student notes

**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