

# Lab Notebook Checklist

Once per experiment:

- Experimental goal
- Apparatus sketch
- Theory (scientific theory and how apparatus works)
- Data analysis calculations

Every entry: (one entry per work session - may be multiple entries per day)

- Header:** title, date, partner
- Today's goal** (work plan - different from "experimental goal")
- Enough notes to replicate **procedure** from that day
- Show all **data** from that day, clearly labeled with names & units
  - Data annotated: possible errors, oddities, patterns, does it meet expectations
- Show all **graphs** made that day
  - Graphs **annotated** ("captions"): oddities, patterns, does it meet expectations, what does it mean ("writing as thinking")
- End of session:
  - summarize **progress today**
  - what to **do next**

Uploading lab notebook:

- Upload all lab notebook pages as a single PDF to your Google Drive Folder
- File name convention: LastName\_2025.03.17\_ExperimentName.pdf
- Upload all code written that day in runnable form (with any necessary data files) - with timestamped file names
  - clear kernel and run all before uploading to make sure it's runnable