

Your journal is your diary for performing experiments. Each day keep detailed notes about what you have done. It is a listing of accomplishments as well as a list of what did not work so those items are not repeated. It is a mistake to try to cover-up those items that did not work. If you talk to fellow classmates about what they have done, that is OK. Record it in the journal. Organize your journal in the following format and number each item. **Your journal counts as a test grade.** Good luck and have fun!

Name: _____
Name: _____

Project No. _____

Project Journal Check No. 1 - Initial Data / Notebook Check

- 0 1 2 1. Front cover of composition book contains title, names of researchers, starting date
- 0 1 2 2. Table of Contents – establish for your project, updated each day
- 0 1 2 3. Pages numbered and dated
- 0 2 5 4. Assembly procedures complete and logical
- 0 1 2 5. Schematic Diagram present
- 0 2 5 6. Complete materials list includes: parts specifications (value, wattage, tolerances, etc)
- 0 2 4 7. Entries in **ink / legible** / (no white out, only one line through errors)
- 0 1 2 8. Duties shared and recorded
- 0 2 4 9. Statement that assembly was completed by the end of the first hour.
- 0 1 2 10. Absences / plans for the next our of class time

Total _____ out of 30 points

Daily Lab grade _____

Name: _____
Name: _____

Project Journal Check No. 2 - Preliminary Qualitative Data Collection and Identification of Variables

- 0 1 2 1. Table of Contents correct and up to date / pages numbered / dated / no pages removed
- 0 1 2 2. Entries in **ink / legible** / correct procedures for errors (no white out, line through errors)
- 0 3 5 3. Preliminary qualitative data collected (minimum of 3 values) for at least 2 variables
- 0 2 5 4. Preliminary data shows variance
- 0 1 4 5. Statement identifying which 2 variables will be investigated
- 0 1 2 6. Duties shared / recorded / absences / plans for next hour of class time recorded

Total _____ out of 20 points

Daily Lab grade _____

Name: _____
Name: _____

Project No. _____

Project Journal Check No. 3 - Data Collection for Resistance

- 0 1 2 1. Table of Contents up to date / pages numbered / dated / no pages removed
- 0 1 2 2. Entries in **ink / legible** / correct procedure for errors
- 0 4 8 3. Data collection (do multiple trials; at least 2 values above and below original value)
- 0 1 2 4. Data table that includes title, labels and units
- 0 2 4 5. Procedure for data collection recorded
- 0 1 2 6. Duties shared / recorded / Absences / plans for next hour of class time

Total _____ out of 20 points

Daily Lab grade _____

Name: _____

Project No. _____

Name: _____

Project Journal Check No. 4 - Data Collection for Capacitance

- 0 1 2 1. Table of Contents up to date / pages numbered / dated / no pages removed
- 0 1 2 2. Entries in **ink** / **legible** / correct procedure for errors
- 0 4 8 3. Data collection (show multiple trials; at least 2 values above and below original value)
- 0 1 2 4. Data table that includes title, labels and units
- 0 2 4 5. Procedure for data collection recorded
- 0 1 2 6. Duties shared and recorded / absences / plans for next hour of class time

Total _____ out of 20 points

Daily Lab grade _____

Name: _____

Project No. _____

Name: _____

Project Journal Check No. 5 - Final Journal Check

- 0 1 2 1. Table of Contents correct and up to date
- 0 1 2 2. Pages numbered / dated / no pages removed
- 0 1 2 3. Entries in **ink** / **legible** / correct procedure for errors
- 0 1 2 4. Duties shared / recorded
- 0 1 2 5. Final summation/thoughts about your performance

Total _____ out of 10 points

Daily Lab grade _____

Total Points for Journal Grade _____ out of 100 points