

## **Lab Report Sample Layout**

Date: MM/DD/YY

### **Lab Title**

#### **Design**

- Research Question(s)...
- Hypothesis: (If ... [IV], then [DV] ... because....)
- Variables...
  - Independent (IV): *(what you change in an experiment)*
  - Dependent (DV): *(what you observe or measure)*
  - Control (CVs): *(constants; what stayed the same)*
- Materials List
- Procedure:
  1. ...
  2. ...
  3. ...

#### **Data Collection & Processing**

- Data tables
  - Quantitative and/or qualitative observations
- Processed data
- Graphs

#### **Conclusion**

- Claim: what is/are your answer(s) to your research question(s)?
- Evidence: use data to back up your claim
- Hypothesis: was it right or wrong? Explain why.
- Error: identify and discuss possible sources of error
- Extend: describe potential improvements to lab design or execution

**Bibliography:** Cite all books, articles, website articles, newspapers, magazines, etc.