

Experiment Checklist

Problem or Hypothesis

- My hypothesis can be tested
- Written in correct format

Description of Experiment

- My experiment could be repeated based on my instructions and get similar results

Measurable Data

- My data is organized
- My data is accurate
- Numbers are labeled in correct units
- My work is shown
- My numbers make sense

Organization

- I used charts, diagrams, or pictures to enhance my explanations and procedures
- My organization is legible

Conclusion/Analysis

- I used data to support or disprove my hypothesis
- I made logical conclusions based on my data

Evaluation

- I analyzed how to modify my experiment to make it more powerful
- I used feedback and ideas given

Variables

- I can correctly identify the control and independent variables in my experiment

Collaboration

- I listen to other members of my team as they explain their experiments
- I analyze how to use that information
- I provide feedback for team members
- I help make team decisions as we plan next steps