

LAB REPORT CHECKLIST

Title

- There is a title.
- The title makes sense because it relates to the topic of the experiment.

Purpose

- There is a purpose.
- It summarizes what is already known about homeostasis.
- It discusses what we wanted to learn from this experiment.

Hypothesis

- There is a hypothesis.
- It is written with an if... , then... format.
- The hypothesis is easy to read and it makes sense.

Procedure/Materials

- There are procedure AND materials sections.
- ALL materials are clearly listed in bulleted form.
- The procedure is written in numbered steps.
- The procedure is accurate and thorough.

Data/Observations

- There is a data or results section.
- It includes written observations.
- It includes data tables.
- It includes graphs (see below for checklist).
- It includes units or dimensions for each measurement.

Graph

- The graph is titled.
- The x and y axes of the graph are labeled.
- The independent variable is on the x axis and dependent variable is on the y axis
- You have determined an appropriate scale for the x and y axes; subdivide the axes.
- The points for the line graph are included and a line is drawn through them.

Analysis

- There is an Analysis section.
- The type of feedback loop is identified correctly.
- Data from the lab is used to support the claim that the variable is controlled by negative or positive feedback.

Conclusion

- There is a conclusion.
- You include the following in your conclusion...
 - What was the purpose of the experiment?
 - What were the major findings?
 - Was the hypothesis supported by the data? They explain why they know.
 - How do you explain these findings?
 - What specific recommendations do you have for further study and for improving the experiment?