

## Lab Conclusion Paper – Fruit Fly Behavior Lab

Include:

1. **Question:** What foods do fruit flies prefer?
2. Make a **claim**. Answer the question.
3. **Evidence** to support what happened in the lab.
  - a. Data from the lab is included here. Observations, numbers etc.
4. **Explain** why the results were received.
  - a. Connect the claim and the evidence that was observed.
  - b. Background information
  - c. Why did the fruit flies prefer one substance over another?
5. **MUST BE TYPED**

Rubric

	4	3	2	1
<b>Claim (10%)</b>	Consistently, effectively, & in an organized manner demonstrates a sophisticated understanding of the topic.	Effectively organizes the information. Demonstrates insight & understanding of the topic.	Clearly organizes the information. Demonstrates an appropriate understanding of the topic.	Reflects the assignment & is straight forward.
<b>Evidence (20%)</b>	Is relevant & uses apt details to support the claim. Includes appropriate data.	Uses relevant, appropriate and sufficient data to support the claim.	Uses appropriate data to support the claim.	Uses incorrect or provides no data to support the claim stated.
<b>Explanation (50%)</b>	The underlying biological concept of the lab mentioned, is clearly explained and shows depth of understanding. Analyzes evidence, illustrating insight and logic. Reaches for significance that provides a rich and relatable meaning between the claim and the evidence.	The underlying biological concepts of the lab are mentioned and explained. Effectively analyzes the evidence illustrating significant logic and understanding. Reaches for meaning between the claim and them meaning.	One or more of the underlying biological concepts is missing or not explained fully  Uses appropriate details and clearly analyzes the evidence in relation to the claim. Supports the information or explanation provided.	Explanation of biological concepts is weak and/or lacks details necessary.  Uses relevant details. Analyzes evidence in relation to claim.

<b>Writing mechanics (20%)</b>	Writing demonstrates a sophisticated clarity, conciseness, and correctness; includes thorough details and relevant data and information; extremely well-organized. Paper is typed	Writing is accomplished in terms of clarity and conciseness and contains only a few errors; includes sufficient details and relevant data and information; well-organized. Paper is typed.	Writing lacks clarity or conciseness and contains numerous errors; gives insufficient detail and relevant data and information; lacks organization. Paper is typed.	Writing is unfocused, rambling, or contains serious errors; lacks detail and relevant data and information; poorly organized. Paper is not typed.
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Total = \_\_\_\_\_  
40