

Lab Report: First Paragraph (Intro & Guiding Question)

Use the rubric to help you write your report. You need to start with some background information about ecosystems. All background information can be found in your lab handout.

- What is an ecosystem?
- What type of ecosystem is the lab based on?
- What types of organisms are in an ecosystem? (What are producers and consumers.)
- What is a food chain? What is a food web?
- Why is it important to understand food webs?
- Which organisms are the townspeople looking to possibly remove?
- AFTER you have given the background information above, clearly state the guiding question. Which Member of an Ecosystem Would Affect the Food Web the Most if Removed?

Lab Report: 2nd Paragraph/Section 2: Method

Describe what you did in the lab in order to collect the data.
(Hint: how did you organize the data contained in the ppt?)

Below are the steps your lab group should have followed:

1. organisms were categorized into producers and consumers.
2. consumers were categorized further.....HOW?
3. A food web was constructed
4. Food web was analyzed (HOW??)
5. What type of data did you construct from the food web?

Lab Report: 3rd Paragraph/ The Argument

State what your claim is. (Hint: it's your answer to the guiding question: Which member of the ecosystem affected the food chain the most?)

What evidence/data did you use to prove your claim?

Use your food web, graphs, tables and data!!!

Include your evidence! (Graphs and tables from your posters)
Reference your graphs/tables in your paragraph.)

What scientific concept justifies your evidence? Think about what role producers and consumers play in the food web. Why are producers important? Why are primary consumers important? What does the flow of energy tell you?

Food webs model the many feeding interactions that happen in an ecosystem.

Producers and consumers have different roles in an ecosystem, based on their relationships to other organisms.

Although one food source may be removed, many species have multiple food sources, which can limit the change to the overall structure of the food web.