

Culverts and Stream Ecology Parts of a Poster Questionnaire

Name(s): Date:

Class/Group:

Answer the following questions. The answers will become your research poster.

Title and Authors

What are you going to call your project? Have a catchy title that's not too cute.

List all of the people who worked on the project, and their affiliation (school).

Introduction

This section tells the reader why you studied what you did. Think back and use notes from Units 1 and 2.

Who cares? Why is stream ecology important?

What important research question were you asking?

What is the hypothesis?

Materials and Methods

This section tells readers – briefly – how you did the project. Use photos and maps if you can. If you used any novel methods describe those in more detail; otherwise, keep it very brief – just a few bullet points. Refer to Unit 4.

Where was your study site/who were the subjects?

What did you do (collected soil cores, clipped hair samples, etc.)

What analyses did you do? In the field, in the lab, statistics.

Results

The results are 'Just the facts'. Start with your graph and your basic statistics. Display those and say what they are in words. The results are 'Just the facts'. Start with your graph and your basic statistics. Display those, and say what they are in words. Refer to the Unit 5 Data Presentation exercise.

Some things you may want to paste or write here:

What was the mean of your research data?

What were the range, minimum, and maximum?

Paste or sketch your key graph here.

Discussion and Conclusions

For each result, say what it means with respect to the hypothesis or research question. Was the hypothesis supported? (This is the last part of the Data Interpretation exercise from Unit 5.)

Describe what went right – or wrong – with the study. Were you confident that the evidence (data) supported or did not support the hypothesis? What would you do differently next time? What should next year's class investigate?

For each result say what it means with respect to the hypothesis or research question.

Literature Cited

If any reports, web sites, journal articles, or books were used, list them here.

Acknowledgments

List any project funders, scientists or experts who helped with the project, labs that analyzed samples – anyone who helped in some way or made the study possible.