

What Secrets are Hiding in My Schoolyard Science Report Evaluation

Science reports should have the following sections. The report has a value of 100 points. Included with each section description is an assigned point value.

Introduction 20 points

The introduction should introduce the reader to the project topic. What is the question the students are asking? Why is it important? Some evidence of a literature search is needed to obtain the full 20 points.

Methods 10 points

The methods should include all steps of the investigation. It should also contain a description of the study site. The methods section should be thorough enough that if someone else wanted to repeat the investigation, they could.

Results 40 points

Students should include all of their data in the results section. Species lists, total numbers, and averages should be included in this section. If students make any tables, graphs, etc. they would also be included in the results section. Lab notebooks can be examined to determine if students actually participated in the investigation.

Discussion 20 points

Student hypotheses about the investigation are discussed here. What do the patterns in the data mean? Students should describe the outcome of the investigation. This section illustrates the student's ability or desire to synthesize the data into a coherent description of the phenomena that occurred during the investigation. Evidence of a literature search and synthesis is needed to obtain the full 20 points.

Literature Cited 10 points

Students should include all resources that they used during the investigation.