

Intermediate Science 7
Unit 1: Interactions In An Ecosystem
Ecosystem Core Lab 2: Trip To The Schoolyard



Name: _____

Date: _____

Partners:

Hypothesis: (Be Specific) **[2]**

2 abiotic factors I expect to find are:

2 biotic factors I expect to find are:

Materials:

- | | |
|------------------|---------------------|
| Notebook | Camera (optional) |
| Drawing paper | Thermometer |
| Pencil | Light meter |
| Magnifying glass | Field guide |
| Binoculars | Wind-speed recorder |

Procedure: Refer to text, page 21.

NOTE: Do NOT pick or break plants or damage flowerbeds. If you turn over a rock or log to see what is underneath, replace it afterwards.

OBSERVATIONS:

#1. List the Abiotic and Biotic Factors Found in My Schoolyard [2]

<u>Biotic Factors</u>	<u>Abiotic Factors</u>

2. Identify the following interactions in your schoolyard. [3]

(A) Abiotic-Abiotic

(B) Biotic - Abiotic

(C) Biotic - Biotic

3. Explain why you might get different results in the winter. [2]

4. Name an animal or plant that you know lives in your province but does not live in your schoolyard ecosystem. Explain why it does not live there. [2]

5. Suggest some ways in which your schoolyard ecosystem might change if a pond was added to it. [2]

Conclusion: [3]
