**Name:**

**Date:**

**School:**

**Facilitator:**

* 1. Ecosystem Experiment

**1. Place your *before* pictures here and label as Control and Experimental.**

**2. What single variable are you changing with your Experimental ecosystem? Be sure to include appropriate quantitative data such as amount of substance or length of time.**

**3. Place your observations in Table 1. Be sure to include measurements such as color, height, activity of organisms, and the like.**

Table 1 OBSERVATIONS

|  |  |  |
| --- | --- | --- |
|  | Ecosystem 1 (Control) | Ecosystem 2 (Experimental) |
| Initial |  |  |
| Day 1 |  |  |
| Day 2 |  |  |
| Day 3 |  |  |
| Day 4 |  |  |
| Day 5 |  |  |
| Day 6 |  |  |
| Day 7 |  |  |

4. Place your *after* pictures here and label as Control and Experiment.

5. In a short paragraph of 3-5 sentences, record your thoughts and any additional evidence regarding the effect(s) of the single abiotic or biotic change you made to one of the ecosystems. Did the Experimental group with the change respond as you expected? IF not, why do you think it did not? Include any graphs you may have.