Pest Management Investigation:

**Objective:** To identify the type of pest impacting the plant and determine the most effective method of minimizing the impact of the pest. (***Note: All work should be written in your agriculture journal***)

**Part 1, Observations**

Visit and observe the effected plants in the garden. What do you notice? Illustrate, label, and describe your findings. Sketches and descriptions should be detailed and clearly indicate the problem(s).

**Part 2, Hypothesis**

What do you predict is affecting the plants?

**Part 3, Research**

Research common pests that affect this plant. Address the following topics:

* Types of pest(s) that may be the cause of the observed problem.
* Descriptions of pests
* Methods of control. Identify and describe each viable treatment option. Include the pros & cons of each.

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| **Treatment Method** | **Description** | **Pros** | **Cons** |
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**Part 4, Implementation**

Identify the treatment method that is most suitable for sustainable agricultural practices *and* for our class needs. As a class, put this method into practice. List the steps followed. Include sketches if applicable.

**Part 5, Effectiveness**

Revisit the plants and note the effectiveness of the treatment and dates of observations. Include sketches when applicable.

Observation 1 (3 days after):

Observation 2 (1 week after):

Observation 3 (2 weeks after):

Observation 4 (3 weeks after):