Environmental Systems and Societies Name:

*I think…*

* **Learning Goal:** You need to learn to write a hypothesis which answers your science question and can be tested.
* **Success Criteria:** You will create a hypothesis about an object you observed in the Classroom Garden, which answers your science question and can be tested.

**What to do:**

1. Reread your science question. Make sure you understand why you wrote the question. If you don’t remember, revisit your notes and observations and become reacquainted with the object and its environment.
2. Using your best judgment, answer your science question. Your initial answer (hypothesis) may be a few sentences long, but try to rewrite as just one sentence.
3. Your answer (hypothesis) should be testable, which means there needs to be something in your answer (hypothesis) which can be changed and something in your answer (hypothesis) which can be measured. If you don’t have those two things in your answer, rewrite it.
4. Restructure your answer (hypothesis) so it follows this format: If I (explain how you will change) the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(environment), then the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (object you are measuring) will (explain how you think it will change).
5. Double check to make sure you will change something about the environment and measure something about the object.

**Safety:**

1. While working in the outdoor classroom, please stay out of the street.
2. While working in the outdoor classroom, be aware that bees and other insects and spiders may sting or bite if disturbed. Make sure your teacher is aware of any allergies you may have.
3. The insects, bees, plants, worms, etc. are living creatures and are to be respected. Harming these organisms results in a zero for the assignment.
4. There may be sticks or rocks that are difficult to see in with the plants, please be aware of where you step.
5. Let your teacher know immediately, if you are cut, bruised, stung, or bitten.

**What to turn in:**

1. Your initial answer to your science question.
2. Your rewritten answer to your science question.
3. Your first draft hypothesis.
4. Your final hypothesis.