

Scenarios

OBSERVATION:

Every day when I feed my bird, I notice that the food container at the bottom of the cage is always left untouched. On the other hand, the food container attached to the top side of the cage next to his perch is always empty.

HYPOTHESIS:

DESIGN AN EXPERIMENT TO TEST THE HYPOTHESIS:

OBSERVATION:

At the North Carolina botanical garden, tropical plants of the genus *Heliconia* have been recently invaded by caterpillars of one particular species. However, *Heliconia* kept in the greenhouse are caterpillar-free.

HYPOTHESIS:**DESIGN AN EXPERIMENT TO TEST THE HYPOTHESIS:**

OBSERVATION:

A wasp colony persistently builds nests right underneath the front door frame at my house. I have removed the nests numerous times only to find the wasps rebuilding them the next day.

HYPOTHESIS:**DESIGN AN EXPERIMENT TO TEST THE HYPOTHESIS:**

OBSERVATION:

A turtle kept at one of the Ashboro Zoo's exhibits is fed a green leaf diet, which is consistent with her herbivorous food preference. In the past few months, however, this turtle refuses to eat any sort of vegetable.

HYPOTHESIS:**DESIGN AN EXPERIMENT TO TEST THE HYPOTHESIS:**

OBSERVATION:

In my garden, I noticed that the shade-loving plants were not flourishing this year. In the past this has never been a problem.

HYPOTHESIS:**DESIGN AN EXPERIMENT TO TEST THE HYPOTHESIS:**

