Name(s)	Project Number
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Project Title

Fruit and Drosophila melanogaster

Abstract

Objectives/Goals
Abstract

In my project I used fruit flies to see what fruits they preferred. I had five containers, one in the center of which five stretched out of, they were connected by pi-pets. In all four there was a different fruit. Th| fruits I used were bananas, apples, oranges and pears. First of all when I received my flies I put them | sleep with Fly Nap. After, I put all of them to sleep, I placed them in the center container. On the nex| morning I went to see if they had done a preference. They had. I had clear containers so I could see the| I counted how many were on each fruit every day. I kept all my data on a journal. I did this for thirty-five€ days. Since some days they go to different fruits, I had to average the amounts together. Every two wee| I had to change the fruits, when I did that I placed them in the middle container to see which fruit the| would prefer.

My results were very interesting. Some fruits gained flies each day and some started decreasing. At the| end I added all the numbers and divided them by the number of dates to have an exact number. Here are my averages, bananas had an average of thirty-seven, apples had an average of six, pears had an average of zero and oranges had an average of seven. It was interesting because at the beginning my results wer| very different.

Methods/Materials
Materials

1)Fruit Flies(to do my project)
2)Fruit (Bananas, Apples, Oranges and Pears to put in containers)
3)Five Containers(to place fruit and fruit flies in)
4)Four pi-pets(to connect containers)
5)Fly Nap(to sleep flies)
6)Gloves(to handle decaying fruit)
7)Sponges(on top of container so that the fruit flies can breath)

Results
Results

Summary Statement
Seeing which fruit Drosophila melanogaster prefer.

Help Received
My teacher Mr. Susman for helping me when I had trouble.