Name(s) Project Number
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Project Title
Do Apples, Oranges, Pears, and Bananas Have an Effect on the Reproduction Rate of Drosophila melanogaster

Objectives/Goals
My experimental question was #Do apples, pears, bananas and oranges effect the reproduction rate of Drosophila melanogaster (Fruit Flies)#. My hypothesis was that the Fruit Flies would have a greater reproduction rate in the apple.

Methods/Materials
First, I labeled five bottles each of oranges, apples, pears, bananas and control. I then put ten adult Drosophila melanogaster in each bottle. I counted how many adult, pupa and larva there were in each bottle every two days. I did this with a hand lens.

Results
After twenty-nine days, the apples had the highest number 26 of average adult Drosophila melanogaster. The pear came in second with 24 average adults. The banana was third with five average adults. The orange and control had the least number 0.

Conclusions/Discussion
I concluded that when kept in a confined area with the right food, the Drosophila melanogaster species would be able to reproduce at a consistent rate.

Summary Statement
I am testing if D. melanogaster will have a reproduction change in the different types of fruit

Help Received
Mom and dad in transportation and paying