CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY

Name(s)	Project Number
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Project Title

Doggy MP3

Abstract

Objectives/Goals

For this project we hope we can find out what type of music dog's will prefer. We would also like to find out a way to stop separation anxiety in dogs by using one of the more popular pastimes in America and the world, listening music.

Methods/Materials

Materials: -webcam; -cage; -test subject (dog); -computers; -journals; -portable speakers; -treats for dogs; -dog owner's signature of acceptance; -writing utensils

Methods: 1) Set up web cam, cage, and speakers in one room; 2) Set up computers in another room; 3) Place the dog in the cage; 4)Ask everyone to leave the room; 5) Wait until the dog has calmed down; 6) Start playing the music and recording the dog on the web cam; 7) Wait one minute between the 5 songs; 8) Repeat last 2 steps until all music has been played.

Results

Our results suggested that the dogs preferred the heavy metal choice of music, but when looking at our data something odd caught our eye. Only two of the dogs preferred the pop music. This was strange so we went back to the owners and found out that they listen to a lot of pop music. We also went back to talk to the owners of the only dogs who preferred classical music. Turns out the owners listened to a lot of classical music. So it looks like dogs may prefer the most familiar music to them.

Conclusions/Discussion

In conclusion, this project was a very difficult project but it was very rewarding. Even though our hypothesis was wrong we got to solved one thing that has real promise for abused and neglected dogs. We know now that dogs do have a preference in music. So know whenever our dogs are too hyper or at home alone we can calm them down by just playing music.

Summary Statement

We want to find out what type of music dogs will prefer.

Help Received

John Demand helped us with our research. Scott Halperin helped type report.