CALIFORNIA SCIENCE & ENGINEERING FAIR
2019 PROJECT SUMMARY

Name(s)	Project Number
Chloe Dorman	**J1210**

Project Title

The Perfect Toy: Which Toy Do Dogs Prefer?

Abstract

Objectives
This project looks at which type of toy a representative sample of dogs prefer.

Methods
Soft toy, rope toy, hard toy, template for spacing, measuring tape, sample of dogs from local dog park. After recording the breed and height of the test subject, the dog was positioned three feet from the evenly spaced toys and allowed to select their preferred one.

Results
After sampling a statistically significant number of dogs, the soft toy was preferred over the hard and rope toy. The size and breed of the dogs was not a significant factor in the results. This was primarily due to the texture of the toy, which was supported by studies of dog behavior in relation to color and other senses.

Conclusions
This project gives dog owners guidance about the type of toy their dogs might prefer. By sampling a statistically significant sample of dogs, these results are applicable to the 89.7 million dogs in the United States.

Summary Statement

I was able to determine toy preferences in dogs.

Help Received

My father assisted with calculating a statistically significant sample size and my science teacher assisted with the important variables to control for.