Name(s)	Project Number
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Project Title

Dogs and Their Sense of Smell

Abstract

Objectives/Goals
to see the ability of my dog in picking out, and telling the difference between objects due to their sense of smell.

Methods/Materials
I take three different balls all with seperate smells. I hide the balls and get my dog to pick a specific ball out of the three depending on the smell I showed him. I continue this each time switching the arrangment of the balls.

Results
procedure one was successful, with the three balls covered Rocky was able to smell out the certian ball 3 out of 4 times. on the second attempt Rocky went for the look alike but corrected himself. In procedure two Rocky was able to find the certian ball 3 out of 4 times. on attempt one he went for the previous ball, attempts 2 through 4 were most successful. procedure three i used three tennis balls all exactly the same exept each one had a specfic smell on it. on the first trial Rocky had no trouble picking the specific smelling ball. the second trial when i asked for the meat smelling ball he had trouble, over all he was successful 3 out of 4 times. he was successfull getting the none smelling ball 3 out of 4 times.

Conclusions/Discussion
with the different tests i put my dog through i feel it helps to prove dogs can tell the difference between objects due to smell. even with the different smells around rocky he was able to still use the smell of the specific ball to locate it when it was hidden. the smell of other balls didnt throw rocky off allowing him not to find the ball. i feel my hypothesis was correct, as for Rocky mainly was attracted to his favorite ball. also like i said other smells around him didnt throw him off from finding the objects.

Summary Statement
seeing whether or not dogs can discriminate between different smells

Help Received