



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Anna Gaona; Thea Grusky-Foley	Project Number S1108
Project Title Stop, Drop, and Stare	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals We are trying to determine how much a dog's age affects their understanding of a spatial relationship between objects.</p> <p>Methods/Materials</p> <ol style="list-style-type: none">1. A large number of dogs to test, with owner's cooperation, between 25-50 dogs.2. Dog treats (strong smell)3. Low table or tray (top needs to be above dog's eye level. You can hold a tray above the dog's eye level for large dogs)4. Small cushion or towel <p>Results The data that we collected from our tests showed that the middle-aged dogs have a better understanding of spatial relationships between objects.</p> <p>Conclusions/Discussion We have come to the conclusion that middle-aged dogs have a better understanding of spatial relationships between objects. To further explain this, the middle aged dogs have a larger percentage of looking at the table, instead of their surroundings. The younger dogs had a hard time concentrating while the test were being performed. The results of the younger dogs were very close to those of the middle-aged dogs, but yet not complimentary. We also noticed that the older dogs had very low percentages, but it was partly because we had many more young-aged dogs than old-aged dogs.</p>	
Summary Statement We are trying to see if age affects a dog's understanding of a spatial relationship between objects.	
Help Received Mom did lots of spell checking (I'm dyslexic)	