



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 PROJECT SUMMARY

Your Name (List all student names if multiple authors.) TERRA BAILEY; ANGELA ROJAS	Science Fair Use Only <h1 style="margin: 0;">J1801</h1>
Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) POOCHES PICK MOST PUNGENT?	Division <u>X</u> Junior (6-8) _ Senior (9-12)
Preferred Category (See page 5 for descriptions.) 18 - Zoology	
<p>Abstract (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.</p> <p>Objective: Recently we learned that pet food companies made very smelly foods until about 15 years ago. People stopped buying these in favor of pet foods with less odor. We questioned if our pets liked this change and tested our dogs and some at the shelter, where I volunteer, to see if they preferred the smelliest foods.</p> <p>Methods: We smelled alot of pet foods and determined 3 categories. Most odor, moderate odor and least odor. 1 Tbs Wet food-3 varities of chicken types, 1 oz of dry food-3 varieties and 1 oz Treats-3 kinds. We tried to keep our variables constant.(Same bowls, timing before meals, pets' residence) We took observations.(Did they smell all foods before eating. etc)</p> <p>Results: 5 of 7 dogs chose the smelliest wet food, 2 of 6 dogs chose the food with the highest odor in dry foods. 7 of 7 dogs chose the treat with the highest odor.</p> <p>Conclusion: Our hypothesis that the dogs would choose the most smelly foods was supported in the Wet Food and Treat category, but not in the Dry Food group, (this was the most difficult for us humans to decide which smelled most or least too!)</p>	
Summary Statement (In one sentence, state what your project is about.) Does food with the most pungent odor attract dogs the most?	
Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. Teacher helped choose better words, Lynda Rogers helped us make our board neater. Mom drove us around for testing and bought materials	