



**CALIFORNIA STATE SCIENCE FAIR  
2006 PROJECT SUMMARY**

<b>Name(s)</b> <b>Alyssa C. Dougherty</b>	<b>Project Number</b> <b>J0308</b>
<b>Project Title</b> <b>Learning Styles</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My objective was to see if the similarities and differences in learning styles(Tactile Kinesthetic, Visual and/or Auditory) between students and their teachers affect the academic success of the students.</p> <p><b>Methods/Materials</b> 6th,7th and 8th grade teachers and their students filled out my learning style questionnaire to determine their learning style and processing style (Spatially, Sequentially, Combination). I analyzed the questionnaires to determine whether the students who had the same learning style as their teachers, generally did better academically than students who had a different learning style than their teachers.</p> <p><b>Results</b> My experiments found that similarities of learning styles between teachers and students did NOT seem to have a great effect on the student's academic success. However, the similarities of processing styles between teachers and students did seem to affect the student's academic success!</p> <p><b>Conclusions/Discussion</b> The match of processing styles seems to matter more in a classroom than the match of learning styles between teachers and students.</p>	
<b>Summary Statement</b> Predicting academic success based on learning and processing styles.	
<b>Help Received</b> I discussed learning and processing styles with Linda Lee at the Lee Learning Center. My Mom helped me stay organized.	