



**CALIFORNIA STATE SCIENCE FAIR  
2002 PROJECT SUMMARY**

<b>Name(s)</b> <b>Daniel Chang; Chris Chen; Ryan Huang</b>	<b>Project Number</b> <b>S0306</b>
<b>Project Title</b> <b>Memory Retention</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of the project was to determine how many factors a person could store in short term memory and the correlation between the difficulty and the accuracy of doing so. Our hypothesis predicted that as number of objects increased, the difficulty would increase as well.</p> <p><b>Methods/Materials</b> Laptop computer. Computer software (programmed ourselves) for memory testing. Human subjects.</p> <p><b>Results</b> Humans in our test group were able to store about 4-6 digits in short term memory.</p> <p><b>Conclusions/Discussion</b> Humans in our test group were able to store about 4-6 digits in short term memory and difficulty in storing that information increased as the number of objects increased. Thus, the hypothesis was supported.</p>	
<b>Summary Statement</b> Memory Retention is about the accuracy and storage of memory.	
<b>Help Received</b>	