



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Brian J. Robillard	Project Number 22351
Project Title To See or Not to See	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals I wanted to determine the range of response of differing human ages to the Stroop Effect. This would measure the discrete ability of people to focus on different things simultaneously.</p> <p>Methods/Materials For this test, I used human volunteers, a set of student created test strips with colored words to evaluate the response of people to the Stroop Effect, and a stopwatch.</p> <p>Results In my project, I discovered that the age of test subjects was significant in their response to the Stroop Effect. Twenty+ year old subjects exhibited the least effect, while subjects aged 12 and under showed the greatest response. Additionally, I found that males were able to complete the test more quickly, but females were more accurate.</p> <p>Conclusions/Discussion My experiment supported my hypothesis. I concluded that as people get older, they are more capable of concentrating on different things at the same time.</p>	
Summary Statement The ability of people to differentiate between related cognitive functions.	
Help Received My mom assisted me with obtaining test subjects, my science fair advisor assisted me in selecting a topic and he proofread my project.	