



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Tammy Y. Rubin	Project Number J0328
Project Title Color vs. Memory	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The problem is to determine if color has an affect on the human memory.</p> <p>Methods/Materials Two reading tests were given at the same reading level (5th grade level.) Subjects were required to answer questions on both tests. Both tests were written in black and white font as well as written in a color version. Each test was used first at one point of the testing period. Answers were graded and recorded.</p> <p>Results The results show that the color tests were shown to have higher test scores then the black and white test. In the color tests, the ratio was that a quarter of the people got 100% while in the black & white tests, only 17% got 100%. There were also less 83% in the color tests because they came out to 27% while the black & white tests came out to almost half. The scores on the color test were higher 16% higher then that on the black and white test. Some of the scores however, remained constant. This pertained to the 17% test score.</p> <p>Conclusions/Discussion In conclusion, making important words in color helps a person remember the information more easily.</p>	
Summary Statement To determine if color has an affect on the human memory.	
Help Received Supervised and assisted by Mrs. Pat Paluso (Science Teacher)	