



**CALIFORNIA STATE SCIENCE FAIR
2009 PROJECT SUMMARY**

Name(s) Elliot G. Cherkas	Project Number S0304
Project Title The Effect of Teaching Methods on Long-Term Memory and Retention	
Abstract Objectives/Goals By doing this experiment, I wanted to find out which teaching method helped students remember information best in the long-term. I have always wanted to know which way I should study so I can get the best grades in school, and by doing this experiment I will be able to study more effectively and efficiently. Methods/Materials I gathered four groups of eight participants each and had them come to a meeting where they were taught information either through visual, auditory, homework or written teaching methods. After being allowed to study the story for thirty minutes, the participants were given a quiz once a week on different days of the week. Three quizzes were given. Results By the end of this experiment, I found out that students remembered information the best in the long-term using the written and visual teaching methods. Conclusions/Discussion With this data, teachers will be able to choose which method they teach in their classrooms in order to enhance their students learning and helping them remember the data they are expected to learn. According to my data, the written and visual teaching methods are the most effective teaching methods and should be used most often by teachers in the classroom.	
Summary Statement My project is intended to find which teaching method helps children and adults alike remember information the best in the long-term.	
Help Received A mentor helped me create my story and the quizzes I administered to the participants.	