



**CALIFORNIA STATE SCIENCE FAIR
2010 PROJECT SUMMARY**

Name(s) Rachel B. Dobrin	Project Number J0608
Project Title Did Dear Aunt Sally Just Serve Us Nine Pizzas?	
Abstract Objectives/Goals The objective of my project is to prove that if people use mnemonic devices, they will have an easier time learning information in the field of memory. My goal is to make educators more aware that they need to come up with creative methods of helping students memorize certain facts or concepts. Methods/Materials The materials that i used were: Ten 12-14 year old subject, Paper with information to be memorized using a mnemonic device, Paper with information to be memorized not using a mnemonic device, Paper to complete answers on when subjects are tested on what they learned, Pencils, Stopwatch to time the subjects My procedure was: 1. Divide subjects into two groups of 10 people each. One group will be the control (group 1), which will not have the mnemonic device, and the other group (2) will be the experimental group with a mnemonic device. 2. Give group 1 a list of words with 10 words that are printed on a piece of paper. 3. Have each member of group 1 study the list for 5 minutes. 4. After 5 minutes has passed, excuse them from the room, do not let them take the list with them. They will have a 30 minute break to talk, watch TV or listen to music. 5. After 30 minutes, test each member of the group individually and have them recall the list, record data, including the number of words they recalled correctly. 6. Show the same list of words to group 2, this time with the mnemonic devices. Let group 2 examine list for 5 minutes and then excuse them for 30 minutes to relax, watch TV, or listen to music. 7. Repeat step 5 and record data and results. Results In the end my results were that the subjects that were given the mnemonic devices did better than the students without the mnemonic devices. Conclusions/Discussion My project is important because mnemonic devices are used everywhere and if people use them more, they can expand their intelligence with things to help their memory. It is great when people use mnemonic devices because it can really help them. With this information, I can conclude that if you use mnemonic devices, you can have a higher intelligence and excel at tasks having to do with memory.	
Summary Statement My project is about determining if mnemonic devices are effective in helping students remember certain concepts.	
Help Received Mother helped me with procedures; Dr. Dunn helped me improve my project greatly; Mrs. Dwork helped me write my report. Subjects helped me in participating in my project.	