



CALIFORNIA STATE SCIENCE FAIR 2014 PROJECT SUMMARY

Name(s) Sara J. Dajani	Project Number 34498
Project Title iPad vs. Text	
Objectives/Goals The objective of this science fair project was to determine which method of learning is best; iPad or regular text. The amount of time to read a lesson and take a test on it was measured as well as the grade obtained on the test for both methods. Results were compared to determine the outcome. Abstract Methods/Materials 12 students age eleven years old who are currently in sixth grade were presented with two English comprehension tests format, an iPad format and a regular printed hard copy text format. Both tests were taken from the sixth grade common core standard English reading comprehension application. The two tests were different but were of the same difficulty level. The students were timed to complete the reading and take the test. The time taken to complete the test and the test scores for each method were compared against each other. Results The average time to finish reading and testing for the iPad was 9.17 minutes. The average time to finish reading and testing for the regular text was 8.75. This means that regular text reading and testing was at 42 seconds faster than iPad. As for the test scores, the average for the iPad testing was 71.67%, while for regular text it was 85.83%. A difference of 14.16% in favor of regular text. Conclusions/Discussion In conclusion the hypothesis was correct. Even though the difference in time was minute, at just 42 seconds, the difference in test scores between iPad form and regular text form was quite considerable at 14.16% in favor of regular text. Therefore using the regular text is a better method to learn from, and adding the iPad as a learning tool in school is a decision that needs further studies before implementation, if at all it should be adopted.	
Summary Statement A comparison between iPad learning and regular text learning effectiveness.	
Help Received My teacher helped follow up with my project. My mom helped me with my research. My aunt helped me beautify and arrange my board.	