



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Lauren K. Cote	Project Number J1207
Project Title The Gaming Theory Is a Winner	
Abstract Objectives/Goals My project is to see if the gaming theory invented by John von Neumann and Oskar Morgenstern help to improve your chances when you are involved in a gambling game as apposed to using more traditional factors such as luck, hunches, or counting cards. I believe that the gaming theory can help improve your when you are involved in a gambling situation. Methods/Materials For my experiment I had a dealer deal 100 rounds of black jack to four subjects. Three subjects used traditional methods such as luck and hunches, while one player used special gaming theory/black jack tables. Results The person using the gaming theory tables had a higher amount of money in chips after 100 rounds of blackjack. Conclusions/Discussion My conclusion is, that people using gaming theory when applied to a game of black jack have a greater money outcome than using traditional methods.	
Summary Statement My project studies the effectiveness of gaming theory in a game of black jack.	
Help Received Mom, Dad, Alex Cote, Dr. Dunn, subjects- Elizabeth Niles, Mikayla Richter	