



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Mitchell Baugh; Tim Robertson	Project Number J1102
Project Title Does Price Equal Performance?	
Abstract Objectives/Goals We tried to determine if the various prices of three different soccer balls made a difference in its performance. Methods/Materials We used a contraption to take place of and represent a human foot kicking the soccer ball on three different surfaces. We tested each ball seven times on all three surfaces. The contraption was made to be pulled back and let go to which it would make contact with the ball. Results We found that the Adidas Glider was the average best on all three surfaces. Conclusions/Discussion From this conclusion we have reached our objective and discovered that the price of soccer balls are not determined by their price. We hope someone learned something from this because we know we did.	
Summary Statement Our project is about trying to discover if soccer balls prices are based on their performance on the field.	
Help Received Mitchell's father helped us make the graphs because we did not know how to use the program. We showed him all of our notes and told him what we wanted. Tim's father built the contraption from our designs. he was worried we would hurt ourselves with the machinery.	