

CALIFORNIA STATE SCIENCE FAIR 2010 PROJECT SUMMARY

Name(s)	Project Number
Nisha Srinivasa; Kathleen Sullivan	J1320
Project Title	
Swimming Sensation	
Abstract	
Our science fair experiment is about swimming. We chose to a span affects their speed in the pool, since we are both swimme us. We tested the hypothesis: If a swimmer has longer arms, he than a similarly trained swimmer. Methods/Materials Materials # Tape measure # Stopwatch # Paper # Pencil # Competitive swimmers We conducted our experiments on 19 Masters Swimmers, rang measured their body to arm span ratio and recorded it on a pie	do a project on how, and if a swimmer's arm ers and it is an area of interest for the both of e/she will complete a length in less time ging from ages 23-64 years old.We ce of paper. We then had them swim a 25
yard length in the pool and we recorded their times Results According to our data, we found that only the swimmers with	exact body to arm span ratio of 1:1 that
Swam proved our hypothesis correct. Conclusions/Discussion Based on our results, we cannot conclude that our data proves to believe that further testing with more control factors could r and speed of the swimmers.	our hypothesis. This does, however, lead us result in a relationship between the arm span
Summary Statement Our project is about if a swimmer's body to arm span ratio affe	ects their speed in the pool
Help Received	
used 19 masters swimmers training under coach Doug Green	