

CALIFORNIA STATE SCIENCE FAIR 2016 PROJECT SUMMARY

Name(s)	Project Number
Nicholas A. Drain	J0206
Project Title Artificial Turf Pool Heating	
Objectives/Cools Abstract	t
 There are over 4,544,000 pools in the United States of gas. Solar pool heating saves gas and energy every yes having enough roof space. In this project I set out to fi heat a tank of water as well as traditional solar heating Methods/Materials I set up a system with three separate model pools and u solar heating system. One model pool was heated with was heated with a solar heating system that ran under a ambient air alone. Results I found that the traditional solar heating model increased degrees Fahrenheit. The pool model with heating that water temperature an average of 13.5 degrees Fahrenheit Sufficient roof space is not available. 	America, most of which are heated using natural ar. One problem with solar pool heating is not nd out if water pumped under artificial turf would used irrigation tubing and a pond pump to make a n traditional style solar heating. One model pool urtificial turf. The final model pool was heated by ed the final water temperature an average of 17.41 went under the artificial turf increased the final eit. e alternative to traditional solar pool heating when
Summary Statement I developed a solar swimming pool heating system that under artificial turf instead of onto the roof.	t can effectively heat a pool by pumping water
Help Received My mom and dad helped me build my solar heating sy teacher proofread my papers	stems and proofread my papers. My science