

CALIFORNIA STATE SCIENCE FAIR 2006 PROJECT SUMMARY

Name(s)	Project Number	
David P. Shelton	S0518	
Project Title		
Electrocleaning Zap!		
Abstract		
 District District I was trying to find out if I could clean a coin preparatory to electrop so, which of three methods works the best. The methods I tested were a recommended basic mixture, and anodizing. My hypothesis was the Methods/Materials I took three sets of five pennies and cleaned each set with a different the pennies that looked clean enough for plating. I attempted to plate cleanness. Results Of the pennies cleaned in the lye only 2 were cleaned and plated. Frowere cleaned and plated. One of these pennies plated the best of all the were anodized came out looking worse than they did before cleaning Conclusions/Discussion I concluded that it is not practical to prepare coins for electroplating coin is already relatively clean. The results do not support my hypoth best, in fact anodizing failed to work at all. 	re electrocleaning in a hot lye bath, in at anodizing would work best. method. Then I took out of each set these as the ultimate test of om the basic mixture two pennies also he pennies. All of the pennies that g. by electrocleaning only unless the	
Summary Statement		
I am trying to find a short, effective way to clean coins before electro	plating them.	

Mother typed report from dictation, used lab equipment at school, teacher mixed sulfuric acid solution