



**CALIFORNIA STATE SCIENCE FAIR
2007 PROJECT SUMMARY**

Name(s) Michael K. Benner	Project Number S0802
Project Title Exploring Practical Applications of the Seebeck Effect	
Abstract Objectives/Goals My goal was to create enough energy to charge a car battery utilizing the Seebeck effect. Methods/Materials I used copper and steel wire, ice water and a stove to produce electricity with this effect. Results The initial test produced an average of 1.45mV and the car frame model produced an average of 0.4mV. Conclusions/Discussion The concept did produce electricity but not in quantities to be practical in my applications.	
Summary Statement This project examines electrical production using the Seebeck Effect.	
Help Received Parents provided materials.	