



**CALIFORNIA STATE SCIENCE FAIR
2009 PROJECT SUMMARY**

Name(s) Ali B. Ozgur	Project Number J2118
Project Title Healing Power: Past or Present	
Abstract Objectives/Goals My objective is to determine whether honey or Neosporin have a greater impact on the reduction of bacterial growth. Methods/Materials Materials: 15 petri dishes divided into thirds, 24 oz. bottle of grade A clover honey, 1 liter of agar, tube of Neosporin Original, 45 cotton swabs, bulb thermometer, medium size Styrofoam cooler, desk lamp, and a 15-watt light bulb. Method: I conducted three trials of five samples each. I swabbed bacteria onto the agar in my Petri dishes. I then put a drop of honey in one of the sections in each Petri dish and some Neosporin in a different section in each Petri dish. After three days I recorded the results, measuring the amount of bacterial growth within a 4 mm diameter in each of the substances. Results I found that within a 4 mm diameter, at the thickest section of both the honey and Neosporin, they both had no bacterial growth. Conclusions/Discussion It turned out that both, Neosporin and honey, had no bacterial growth and did a good job preventing bacteria from growing when measured at their thickest parts.	
Summary Statement Determining whether honey or Neosporin have a greater impact on the reduction of bacterial growth.	
Help Received Mother helped with gluing on display board.	