



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Zoey N. Lykins	Project Number J1608
Project Title Bacteria Killers	
Abstract Objectives/Goals The purpose of my project was to determine whether antibiotics or probiotics work better at killing bacteria. Methods/Materials <ol style="list-style-type: none">1. Petri dishes2. Pro/Anti Biotics3. Tissue paper4. Ecoli5. Cotton Swabs <p>I gathered my antibiotics, probiotics, petri dishes, and ecoli bacteria. First, i got my bacteria and made a S motion on each petri dish. Next, i got my antibiotics and probiotics and tissue paper and dipped each tissue paper in the liquid antibiotics and probiotics and placed them on the petri dishes. Then, i waited 5 days to check my results.</p> Results The results of my project was that antibiotics wored better than probiotics at killing bacteria. Conclusions/Discussion I believe that the antibiotics work better than the probiotics because doctors prescribe them to patients with any bacteria caused disease.	
Summary Statement My project was about discovering whether probiotics or antibiotics work better to prevent the growth of bacteria.	
Help Received Mr.Scott helped to correct; Mother bought supplies; Grandmother gave information on subject	