



**CALIFORNIA STATE SCIENCE FAIR
2005 PROJECT SUMMARY**

Name(s) Josiah J. Garza	Project Number J1310
Project Title Algae -N- Detergent	
Objectives/Goals My Objective was to see if laundry detergent affected algae growth. I wanted to see if laundry detergent that flows into our rivers and streams affects plants life.	
Abstract Methods/Materials I collected twelve samples of algae. I added three different types of laundry detergent to nine of the algae specimens. I left three jars of algae with no detergent. I set them outdoors and monitored their growth daily for ten consecutive days. I then repeated the experiment with new specimens.	
Results The laundry detergent helped the algae to grow. I was able to compare algae with detergent and algae without detergent. I saw significant growth each day as I measured their size.	
Conclusions/Discussion My hypothesis was incorrect. The laundry detergent helped the algae to grow. Information in this project expands our knowledge because now we know that algae grows if laundry detergent flows into our rivers and streams, which will kill all living animals and plants in the water.	
Summary Statement I added laundry detergent to algae to see how it affected it's growth.	
Help Received	