



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Jared R. Griffith	Project Number J2006
Project Title Toothpaste: Which One Really Works the Best?	
Abstract Objectives/Goals Objective: The purpose of this project was to determine which toothpaste really worked to protect the eggshell against the acidity of vinegar. Methods/Materials Materials and Methods: Seventy eggs were coated with the different brands of toothpaste and submerged in the same amount of vinegar placed in 9 oz cups and left for 24 hours. After the specified time had elapsed, the eggs were checked and the amount of remaining shell was noted in the log book. Results Results: The results proved the hypothesis to be incorrect. Instead of Colgate Paste working the best, Colgate Gel and Aqua Fresh protected the eggshell the best as evidenced by the amount of remaining shell on the eggs. Conclusions/Discussion Conclusion: In conclusion, Colgate Gel and Aqua Fresh were the toothpastes that protected the eggshell the most against the vinegar's acidity. This shows that those two toothpastes would protect the enamel coating of teeth against acid in daily diets.	
Summary Statement This project was to determine which toothpaste would protect the enamel of teeth the best.	
Help Received Mother helped complete the board.	