



CALIFORNIA STATE SCIENCE FAIR 2015 PROJECT SUMMARY

Name(s) Juliana H. Rosen	Project Number J2028
Project Title Open Wide!	
Objectives/Goals The goal of this project was to find out which toothpaste protected your teeth the most.	
Methods/Materials Egg shells were used to simulate teeth and vinegar was used to represent acids that are eaten. I tested to see which toothpaste protected teeth the most. To do this, I put an egg brushed with Colgate, Aquafresh or Crest toothpaste in a cup of vinegar. After 9 hours, I took the eggs out, rinsed them, and drained the insides out of the eggs. Next, I let the egg shells dry and then weighed the egg shells.	
Results The egg shell from the egg covered with Crest toothpaste weighed more than Aquafresh and Colgate covered egg shells.	
Conclusions/Discussion Crest toothpaste protects the egg shell better than the other toothpastes because it weighed more which means the acids didn't eat away at the egg shell as much.	
Summary Statement The experiment tested how toothpaste protects your teeth.	
Help Received My parents helped me gather supplies for my experiment and my poster board.	