



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Daniel A. Stenavich	Project Number J0124
Project Title 5...4...3...2 Liter Blast Off	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The purpose of this project is to determine what water amount in a two-liter bottle rocket will make the rocket go to the highest altitude.</p> <p>Methods/Materials Bottle Rocket, Rocket launcher, Measuring Cup, Water, Angle finder, Tape measure, Back-up supplies</p> <p>Results In the launches, at 1250 ml. The rocket went the highest altitude. So, at about half water and not too much weight the rocket reached the highest altitude. At 62.5% of the rocket filled with water it reached the highest altitude.</p> <p>Conclusions/Discussion The results of the experiment were not as predicted. The rocket reached the highest altitude when it was filled with 62.5% of the total amount of water. This proves the hypothesis incorrect.</p>	
Summary Statement Trying to see at what water level would a bottle rocket reach the highest altitude.	
Help Received Father helped find angle, grandfather helped carry water, Mr. Johnson helped supply pieces	