



**CALIFORNIA STATE SCIENCE FAIR  
2014 PROJECT SUMMARY**

<b>Name(s)</b> <b>Bronwyn Gilfillan; Pooja Patel</b>	<b>Project Number</b> <b>J0610</b>
<b>Project Title</b> <b>Soda Bottle Generator</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> Our project was to see if what soda will get a higher energy output Root Beer, Pepsi, or Sprite.</p> <p><b>Methods/Materials</b> We used soda and potassium hydroxide for the mixture. We used 9 bottles to put the mixture in. A multimeter to measure the electricity. Electrode which we used to connect with the multimeter to get an output.</p> <p><b>Results</b> Our results were that Pepsi got the most energy output because of the citric and phosphrites acid</p> <p><b>Conclusions/Discussion</b> With this expirement we can get energy using only soda and potassium hydroxide.</p>	
<b>Summary Statement</b> We wanted to see what soda made the most energy?	
<b>Help Received</b> My partners mom helped make the chemical mixture for safety hazards	