



**CALIFORNIA STATE SCIENCE FAIR
2012 PROJECT SUMMARY**

Name(s) Bronwyn K. Wedig	Project Number J1824
Project Title Temperatures and Surface Tension	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My goal was to find whether surface tension and temperature effect each other.</p> <p>Methods/Materials I used a simple scale and a dropper to measure the surface tension of various temperatures of water.</p> <p>Results The warmer water tended to have a lower surface tension than the cold water. Two of the variables were outliers, off the path of the other tests.</p> <p>Conclusions/Discussion Warmer water will tend to have a lower surface tension than cooler water. However, you will always have some tests that don't match up smoothly with the other data.</p>	
Summary Statement I tested the correlation between temperature and surface tension.	
Help Received My dad helped draw a trend line with a tricky equation.	