



**CALIFORNIA STATE SCIENCE FAIR  
2008 PROJECT SUMMARY**

<b>Name(s)</b> <b>Daniel M. Winget</b>	<b>Project Number</b> <b>J1630</b>
<b>Project Title</b> <b>Buoyancy and Displacement</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> I am trying to find the boats ability to carry weight and see the changes in the weight when I change the water types.</p> <p><b>Methods/Materials</b> My materials I used were a big container, a cup like model, marbles, salt,sugar, water,scale,a measuring cup, a stirring spoon, and a towel or rag.</p> <p><b>Results</b> The salt water held a denser boat then second was the sugar water and last was fresh water.</p> <p><b>Conclusions/Discussion</b> There was a 6 gram difference with salt to sugar water. There was also a 5 gram difference comparing sugar water to fresh water.</p>	
<b>Summary Statement</b> The density changes in the boats weight before it sinks in different types of water.	
<b>Help Received</b> My mom helped me get the scale everything else was done by me.	