



**CALIFORNIA STATE SCIENCE FAIR
2013 PROJECT SUMMARY**

Name(s) Stephany R. Brundage	Project Number J0106
Project Title Water B Gone	
Abstract Objectives/Goals My project objective was to figure out which way you could empty a bowl in the most effective way by spraying water into the bowl. (For example, you can spray water into a whirlpool.) Methods/Materials 3 bowls (sm, med, lg) were one at a time filled and sprayed into, according to methods 1-5, to empty the most water out of them within a 1 minute period. A tape measure was used to measure the amount of water left, and a thermometer was used to measure the temp of the water. Results Method 1, Whirlpool, (at water surface) emptied the most water out of the bowl, and Method 2 (sprayed directly down on the water at 2# above the water surface) emptied the least amount of water. Conclusions/Discussion My conclusion is that whirlpools are the best and the most efficient way to empty water from a bowl, and spraying directly down on the water surface, breaking the meniscus is the least efficient way.	
Summary Statement My project was about emptying a bowl by spraying more water into it in different ways in one minute periods.	
Help Received Brother and Teacher corrected board. Mother did the photography.	