

## CALIFORNIA STATE SCIENCE FAIR 2010 PROJECT SUMMARY

Name(s)	Project Number
Michaela F. Posner	J1123
Project Title Desalination: Water for the Future	
Objections/Gools Abstract	
<ul> <li>Objectives/Goals <ul> <li>I originally wanted to find out if it is possible to desalinate ocean I created my hypothesis, which states that if the concentration of t volume of freshwater collected will decrease.</li> </ul> </li> <li>Methods/Materials <ul> <li>I tested this by taping a small bowl to the bottom of the larger bow distilled water. Then I added 18, 36, 54, 72, 90, or 108 grams of s I covered the bowl with cling wrap with a rock or stone, weighing the center of the smaller bowl. Then I placed it in the sun for a wiccylinder to measure how much water was left in the larger bowl, h and the salinity of the water collected using some salt test strips.</li> </ul> </li> <li>Results <ul> <li>My results supported my hypothesis by showing that the bowl tha double of the desalinated water of the six-tablespoon bowl for all</li> </ul> </li> <li>Conclusions/Discussion <ul> <li>They also showed that it is possible to desalinate ocean water at h from a desalination plant.</li> </ul> </li> </ul>	the salt water is increased, then the wl and then filled it up with 500mL of salt to the bowl. Once that was finished, g about 0.4 Kg on top, creating a dip over eek. After a week, I used the graduated now much was collected (desalinated), at had one tablespoon of salt had about of my trials.
Summary Statement Testing to see if ocean water can be desalinated at home for drink	ing purposes.
	6 r · · r · · · ·
Help Received	

Mother purchased supplies and drove me to the desalination plant for a field trip.