



**CALIFORNIA STATE SCIENCE FAIR
2006 PROJECT SUMMARY**

Name(s) Leticia Ramirez	Project Number J0528
Project Title How Do Substances Mixed in Water Affect Its Evaporation Rate?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My science fair project was to put different substances into different cups or tap water, and to see which one evaporated the fastest. I thought it would be a good idea because it might be able to help some people keep the water clean instead of dirty unclean water. I got this idea because i wanted to see what substances were able to evaporate water the fastest. My main goal is to inform people how different soluts affect the water.</p> <p>Methods/Materials To see how solutes affect the evaporation rate i decided to put out graduated cylinders and put water in them. Then i added one tablespoon of substance like salt, sugar, vinegar, pepper, and one with just plane water, with no water added. And then repeat the cycle two more times.</p> <p>Results For trial one the plain water with no substance in it, evaporated the fastest with a measurment of 2.5. For trial two the plane water also evaporated the fastest with the measurment of 2.6. For trial three the plane water was able to be successful again and beat out the other substances with a measurment of 2.4. Therefor the water was able to evaporate the fastest.</p> <p>Conclusions/Discussion My hypothesis was supported because the tap water in my experiment evaporated the fastest. The data shows that the tap water evaporated faster than the salt water, sugar water, vinegar water, and the pepper water. So with no particles floating in the water, the plain tap water was able to successfully evaporate.</p>	
Summary Statement The project is about how solutes affect the evaporation rate of tap water.	
Help Received	