



**CALIFORNIA STATE SCIENCE FAIR  
2014 PROJECT SUMMARY**

<b>Name(s)</b> Nathan T. Loafman	<b>Project Number</b>  34503
<b>Project Title</b> The Natural Magnifier	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective my project was to see if water would make light more intense to help a solar panel produce more electricity.</p> <p><b>Methods/Materials</b> Two identical solar panels were placed approximately two inches apart. One with water on top the other without. At five o'clock I measured the voltage of each panel with the same multimeter.</p> <p><b>Results</b> The solar panel with the water consistently produced the most electricity. The solar panel without water produces less electricity.</p> <p><b>Conclusions/Discussion</b> My conclusion is that water does make light more intense to help a solar panel produce more electricity.</p>	
<b>Summary Statement</b> My project is about using water to make light more intense to help a solar panel produce more electricity.	
<b>Help Received</b> Mother helped buy materials; teachers helped with grammar, where to place components, what to take out & what to put in.	