



California Science Center  
**CALIFORNIA STATE SCIENCE FAIR**  
**2001 PROJECT SUMMARY**

<b>Your Name</b> (List all student names if multiple authors.) <b>Joelle H. Jenkins</b>	<b>Science Fair Use Only</b>
<b>Project Title</b> (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) <b>UV Light And Sunscreen</b>	<b>J1013</b>
<b>Preferred Category</b> (See page 5 for descriptions.) <b>7 - Environmental Biology</b>	<b>Division</b> <b><u>J</u> Junior (6-8) <u>J</u> Senior (9-12)</b>
<b>Abstract</b> (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.	
<p><b>Objective:</b> To determine which of the SPF 30 Sunscreens protects us best from UV light.</p> <p><b>Hypothesis:</b> I think that the Blue bottle (Today's Health Active Sunblock) will protect us the best.</p> <p><b>Materials and Methods:</b> I took UV sensitive beads and put the sunscreen on them. Then I put them outside for specific times in Hawaii and in Morgan Hill, CA. When the time was up, I wiped off the sunscreen and observed and recorded the color the beads had turned.</p> <p><b>Results:</b> When I compared my data I found out that the Blue bottle didn't work the best, it was the green bottle (Big Kid SPF 30 sunscreen).</p> <p><b>Discussion:</b> The green bottle may have worked the best because it had octocrylene in it and the others did not have this active ingredient listed.</p>	
<b>Summary Statement</b> (In one sentence, state what your project is about.) My project tests 4 SPF 30 sunscreens to figure out which one may protect us better from UV light.	
<b>Help Received in Doing Project</b> (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. My mom helped me understand how to write the abstract and other parts of the paperwork and she took pictures of me doing my experiments.	