



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 PROJECT SUMMARY

Your Name (List all student names if multiple authors.) Joelle H. Jenkins	Science Fair Use Only <h1 style="margin: 0;">J1013</h1>
Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) UV Light And Sunscreen	Division <u>J</u> Junior (6-8) <u>J</u> Senior (9-12)
Preferred Category (See page 5 for descriptions.) 7 - Environmental Biology	
Abstract (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>Objective: To determine which of the SPF 30 Sunscreens protects us best from UV light.</p> <p>Hypothesis: I think that the Blue bottle (Today's Health Active Sunblock) will protect us the best.</p> <p>Materials and Methods: 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>Results: 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>Discussion: 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>	
Summary Statement (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.	
Help Received in Doing Project (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.	