



**CALIFORNIA STATE SCIENCE FAIR  
2017 PROJECT SUMMARY**

<b>Name(s)</b> Abigail I. West	<b>Project Number</b> <b>J2121</b>
<b>Project Title</b> <b>What Moisturizer Keeps Jello Moist the Longest?</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> My goal for my project is to help people to get there moneys worth off of moisturizers because every year people pay to much money trying to find the best moisturizer to keep skin moist.</p> <p><b>Methods/Materials</b> Lime Jello, a scale, Aveeno, Vaseline, Cetaphil, Gold Bond, Olay, toothpicks, Measuring tape, camera, household kitchen items, clock, Calculator, Dishes. Checked Jello for several days.</p> <p><b>Results</b> My hypothesis turned out to be incorrect because Cetaphil turned out to work the best. Cetaphil worked the best because its average hight was 0.8 in the beginning and in the end it was 0.8. Cetaphil's average weight was 68.7 in the beginning and in the end it was 63.2. It kept a steady rate in height and weight. Olay came in second because its average hight was 1.025 in the beginning and in the end it was 0.775. Olay's average weight was 65.8 in the begging and in the end it was 49.1. Olay didn't have a good steady rate like Cetaphil which is why it came in second place. Avenno and Gold Bond were middle contenders. Aveeno's average height was 0.95 when I started and then it became 0.7 in the end. Aveeno's average weight when I started was 65.3 and in the end was 55.5. Gold Bond's average height was 0.9 in the beginning and was 0.7 in the end. Gold Bond's average weight was 62.6 in the beginning and in the end was 47.2. This leaves Vaseline in last place. Vaseline's average height was 0.95 when I started and then was 0.6 in the end. Vaseline's average weight was 60.8 and then was 44.9 in the end.</p> <p><b>Conclusions/Discussion</b> After four trials of testing I conclude that Cetaphil moisturizer works the best to keep skin moist. In all four trials I tested 5 different moisturizers, and a controlled Jello, on lime green Jello and during these trials I found that not only the amount of Jello and moisturizers could affect the results but that the texture of the moisturizer could also affect the results. Thanks to my data we now know that Cetaphil is the best moisturizer and the most economical.</p>	
<b>Summary Statement</b> I tested different brands of moisturizers on Jello to see which moisturizer works the best to keep skin moist.	
<b>Help Received</b> None. I designed my experiments and tested the Jello on my own. I also wrote all my documents on my own.	