



**CALIFORNIA SCIENCE & ENGINEERING FAIR
2019 PROJECT SUMMARY**

Name(s) Ashlyn Burrus	Project Number S1206
Project Title Acne Treatments: Proactiv vs. Home Remedy	
<p style="text-align: center;">Abstract</p> <p>Objectives The objective of this experiment will be testing the effectiveness of two different acne fighting routines: 3 step acne skin care product vs. home remedy for acne.</p> <p>Methods Methods:</p> <p>Subjects Using the Home Remedy used this Routine</p> <ol style="list-style-type: none">1. To make one Apple Cider Vinegar Honey Mask<ol style="list-style-type: none">a. Mix a tablespoon of honey with a half a tablespoon of apple cider vinegarb. Apply an Apple Cider Vinegar Mask to your face 2x throughout the 7 days.2. To make the Coffee Exfoliator scrub<ol style="list-style-type: none">a. Mix the four tablespoons of coffee with one tablespoon of coconut oil and two tablespoons of Coconut Palm sugarb. When finished mixing, add three drops of lemongrass essential oil and Eucalyptus oilc. Use this exfoliator every other day throughout the 7 days3. Use the Unrefined Cold-pressed Hemp oil as a cleanser in the morning and at night during the 7 days <p>Subjects Using Proactiv used this Routine</p> <ol style="list-style-type: none">1. The Proactiv should be used daily and nightly throughout the seven days<ol style="list-style-type: none">a. First, use the Renewing cleanserb. Then use the Revitalizing tonerc. Lastly, use the Repairing Treatment <p>Results In my project there were 3 participants. Subject #1 and #2 both used the Home Remedy Routine, and Subject #3 used Proactiv . They used the products for a duration of seven days.</p> <p>Subject #1 has moderate acne and combination skin. Before testing the Home Remedy, pimples were very inflamed and skin had many dry patches. After the week, Subject #1 s skin was very moist and hydrated.</p>	
Summary Statement I compared two different acne treatments (Proactiv vs. Home Remedy) to determine which one is more effective.	
Help Received My sister, my friend, and my teacher's daughter used the one of the two acne treatments for a duration of a week, which gave me the results I needed for my project. My science teacher gave me the tools I needed to complete my project and purchased proactiv. My parents purchased the other materials needed to make	