



Colorado Science and Engineering Fair

2025 Team Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: How does UV light affect the protection of different brands of sunscreen.

Team Leader's Name: Amelie Andujar

Team Member 1: Emely Quijada

Team Member 2: Bianeta Ugwu

School and City: Brush Middle School

Sponsor's Name: Cynthia Albo

Category: Chemistry

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

Abstract

After exposing the yellow peppers to UV light for two hours a day for seven days, documenting our observations, and collecting data, we realized that the sunscreen that offered the best protection against UV damage was Banana Boat.

The results confirm that the skin from the yellow pepper that was applied Banana Boat SPF 50 Sunscreen suffered the lesser damage to UV light with moderate wrinkles in the surface but no blemishes, dark spots or perforations, in contrast to the other two yellow peppers that suffered more damage with severe wrinkles, dark spots, blemishes and perforations.

Unfortunately, our hypothesis was proven wrong, since based on popularity and doctors' recommendations, we thought Neutrogena SPF 50 Sunscreen would result to be the sunscreen to offer the most protection against UV exposure.

We hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. We also attest that the above properly reflects our own work.

Team Leader's Signature: _____

Date: _____

Team Member 1's Signature: _____

Date: _____

Team Member 2's Signature: _____

Date: _____

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with your Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**