



Colorado Science and Engineering Fair

2024 Individual 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: The War of Bacteria at School

Finalist's Name: Jose Lopez

School and City: Alta Vista Charter School, Lamar

Sponsor's Name: Marah Brase

Category: Micro & Molecular Biology (MCRO)

Division: Junior (6th - 8th grades)

Abstract (250 words or less):

Abstract

My project is seeing what part of a school has more bacteria. I swabbed three different classrooms and then I did the library, the flex room, and the cafeteria as the common areas. The results were that the common places had more bacteria and the classrooms had less bacteria. My hypothesis was that the common places would have more bacteria because more students use the common areas other than the classrooms. First I swabbed the desk, then I swabbed in the agar. I did those same steps in the common areas. Then I closed them shut tight with tape. This matters in a school because it shows what we need to sanitize more often to stay healthy.

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

Finalist'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 you Finalist Verification/Permission Form. A signed copy of this form must be included in your notebook.