



# 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: Helpful Organisms: Using Microorganisms in Eutrophic bodies of Water

Team Leader's Name: Aylin Melgar Bobadilla

Team Member 1: Nayla Gutierrez

Team Member 2:

School and City: Wray Junior Senior High School Wray, Colorado

Sponsor's Name: Eric Oestman

Category: Earth & Environmental Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

Our project was to test if certain aquatic organisms can help improve the quality of eutrophic bodies of water. Our purpose was to help the organisms that are affected by this process of eutrophication. We replicated a eutrophic environment with an amount of excess algae blooms. With the organisms we researched that were known to help such an environment, we tested it out. We hypothesized that the aquatic organisms would have a positive effect on the environment tank we made. At the end of our project, we came to a conclusion that the organisms made a great change to our water quality.

*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.**