



Colorado Science and Engineering Fair

2025 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 Effect of Water Treatment on Potable Water

Finalist's Name: Lily Beeby

School and City: Skinner Middle School, Denver

Sponsor's Name: Becca Glosser

Category: Earth & Environmental Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

This experiment tests the effectiveness of different water treatments by comparing the results of 'verifies 16 parameter test strips' after treating the water. The treatments used were iodine tablets, boiling the water, and a fish tank conditioner called Prime. Each method was tested twice to ensure accurate results. The hypothesis suggests that iodine tablets will work best in purifying the water because iodine is a powerful disinfectant that can effectively kill harmful microorganisms while removing other impurities. The results are studied to determine the most effective way to purify water out of the three treatment methods.

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.**