



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: Water Filtration

Finalist's Name: Cy Poss

School and City: Genoa-Hugo School, Hugo

Sponsor's Name: Rhianna Poss

Category: Earth & Environmental Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

Portable water filters can be very useful tools. They come in many different shapes, sizes, and styles. The purpose of this project is to determine which portable water filter performs the best and provides the cleanest drinking water. My hypothesis is that the GVDV water filter will perform the best and provide the cleanest water because it is electric and has more power to filter out the bad stuff. The procedure I used tested two water sources. I tested 5 different portable water filters against each control and against my home drinking water. I measured 300 ml for each test and then ran the sample through each filter. I tested the filtered water using a test strip and recorded my results. The results of my project showed my hypothesis was correct for one water source but not for the other.

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.**