



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: Wood Chips vs. Water

Finalist's Name: Jace Poss

School and City: Genoa-Hugo School, Hugo

Sponsor's Name: Emily Poss

Category: Earth & Environmental Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

The purpose of this experiment is to determine which wood chips hold the most water. My hypothesis is that the pine wood chips will hold the most water because the pine wood chips make no holes for water to go through the wood chips, because of that it will hold more water. First put the wood chips into the tub with holes in it. Then put the tub with holes on a tub with no holes. Before you put water on it you will need to weigh the tub with holes and wood chips then you will need to water it. In 5 minutes, you will need to weigh it. Do this every 5 minutes, 3 times for each type of wood chips. Pine got first and it ended at 5.4 pounds, willow got second ending at 3.2 pounds and cedar got last at 3.0 pounds in the end. After concluding my experiment, I will use the pine wood chip for my pigs.

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.**