



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: Turn and Burn Baby: Does the Color of the Barrel Really Affect Your Run Time?

Finalist's Name: Alia Yund

School and City: Centauri Middle School, La Jara

Sponsor's Name: Andrew Shelton

Category: Animal Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

Abstract

The reason I did this project was because during the rodeo season last year I went to a local barrel race called Dash for the Diamond. At this barrel race, they had very bright orange barrels which my horse had never seen before. During my exhibition, I ran to the first barrel and my horse spooked. I believe that the reason he spooked was because he had never seen that color before. He ended up throwing me off into the barrel. Because of this I decided to do some research. The problem I identified is the color of the barrels may affect the performance of the horse. Unfortunately, I ran into some challenges. First, I didn't have an indoor arena; however, my 4-H leader had an indoor arena and she was willing to let me use her arena. My hypothesis states that the horse will run around the blue barrel fastest because it is exposed to blue every day. After analyzing the data from my experimentation, I found that my hypothesis was not supported.

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.**