



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: How do flat tires effect drivability

Finalist's Name: Winston Luke Fulson

School and City: Eagleview Middle School

Sponsor's Name: Marc Fulson

Category: Engineering

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

My hypothesis was if the amount of air in the tire is lower than it will be harder to pull the bike. My procedure was to tie zip ties to the front of the bike and attach the spring scale. I pulled the spring scale and the bike with the contestant on it and looked at the spring scale several times to calculate the average. I did my experiment four times at different tire pressures. My conclusion for this experiment is that the it is harder to ride a bike if you have a lower tire pressure.

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.**