



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 Last Light

Finalist's Name: Kassidy M Schlepp

School and City: St. John the Baptist, Longmont

Sponsor's Name: Bradley D Schlepp

Category: Chemistry

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

The purpose of this experiment is to figure out which brand of alkaline or lithium batteries last the longest while being on for a consecutive period of time. Electrons are what travel through a battery to power an object. There are battery circuits in batteries too. Alkaline batteries are the most used and the most known batteries and there is a fast way that you can test alkaline batteries. Lithium batteries are also a type of battery, which a more specific type of these batteries are lithium-ion batteries. A flashlight produces light and it takes the power from a battery and uses it for the light source. Flashlights will be used to test which battery lasts the longest.

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.**