



# Colorado Science and Engineering Fair

## 2025 Team 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: Feel the Rainbow

Team Leader's Name: Ebony Banks

Team Member 1: Gabriella Forristall

Team Member 2:

School and City: Genoa-Hugo School, Hugo

Sponsor's Name: Sandra Forristall

Category: Plant Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

In this project we aim to educate people on how water travels through the stem and into the flower. It will give people the chance to understand just how the process through a stem of a flower or plant works. In the stem the xylem can help carry water through the stem and into the petals of the flower. We have confidence that for each cup of colored water, the color will travel at different speeds throughout the plant. Out of all 5 of the different colors we strongly believe that the color pink will work the best because of how vibrant and blush it is. We say this because when it comes to more vibrant colors they tend to be more frequent than dull colors. When we first started thinking about projects we got curious and wanted to know how a plant's stem is able to carry water through the stem to be able to thrive. With our hypothesis we believed that the pink dye would've worked best because of how vibrant it was. At the end of our project we learned that our hypothesis was proved very wrong. Each flower sat for 5 days just in case of any occurrences that may of had happened. In conclusion our green flower and red flower were more vibrant.

*We hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. We also attest that the above properly reflects our own work.*

Team Leader's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Team Member 1's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Team Member 2'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 your Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**