

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: Spectacular Solar Oven

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School: Navajo Preparatory

Grade Level: 9th Grade

Type the Body of Your Abstract Here (250 Word Maximum)

In the back of the classroom, I saw a box that I later found to be a solar oven. I was so fascinated by the way we could harness the sun to bake and cook almost anything. After knowing how the solar oven works, it really captivated my attention because I wanted to see if I could build my own solar oven. This way, the food will taste better, the process of making the food will be more interesting. Building a solar oven was a lot of fun. Although I made some mistakes here and there when constructing my own solar oven, it was worth it when I finally got it to work. The toughest parts were getting the insulators to stay in their place, placing a rack for the dish to sit upon, and screwing in the door hinges. Despite these challenges, I learned what works and what doesn't when I constructed my solar oven. Now, I have my own solar oven that I can use to prepare my own dishes. This sense of accomplishment made me feel proficient and capable of doing anything.

1. The student independently performed all procedures as outlined in this abstract Yes No
2. This project is a continuation. Yes No
3. This project is being presented at SJRSEF NMJAS Paper Competition

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.

Haylei Redhouse

Student's Signature

2/18/22

Date

