

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE:

Name:

School:

Grade Level:

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

My project started with finding the preeminent location for a Wifi extender throughout my home for the best speeds. I placed the extender in four unique locations to find the optimal speeds. We were only getting a fraction of what we paid for so I wanted to make a change. But, I noticed that anywhere I put the extender, I still was not even close to what we were paying for. I had to think outside the box and come up with a bigger plan. I decided to make a trip to Lowes to get some COAX cables. I had the thought that instead of moving the extender, why not just move the whole thing! So after countless hours of crawling under the house and threading wires everywhere, I accomplished my goal! When I was mowing the extender, the fastest speeds I got were in the lower 20ms and now that I decided to move the entire box, I am getting speeds up to 380ms. That's a 1,800% increase in speeds.

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.



Student's Signature

02/18/2021

Date

