

# SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

## JUNIOR AND SENIOR DIVISION

### ABSTRACT & CERTIFICATION

**TITLE:** Tensegruity

**Name:** Anthony Benally

**School:** Tse Bit Ai' Middle School

**Grade Level:** 8th

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

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Our project is called Tensegruity. We hypothesized that our Tensegruity can hold up to 2270g with 2 chains.

In our project, we used for 500g of mass. They were put at each corner of the Tensegrity Table to see if it would stay balanced. We took one chain off at a time to determine if it would stay balanced. We did the same with 1500g, 1000g, 500g and no mass. As indicated in our table, the 500g depending where it was located could balance the table with 2 chains.

So in conclusion, our hypothesize was incorrect, it did not hold up to 2270 with 2 chains. As for future projects, we would like to use metal instead of wood and possibly make it bigger.

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

\_\_\_\_\_  
Date

