

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: Flying Metal
Name: Collin Smouse and Zach Teran
School: Mesa View Middle School
Grade Level: 6

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

Will adding more tension to the rubber bands attached to a ball launcher allow the foil ball to land in the receiver 4.28m away more than once? Use two cups, two pencils, two tubber bands, a 12 in paint stick, a piece of paper, tape, and a cardboard base to build a launcher. Use a cup, three pencils, tape and a piece of paper to build a receiver. Use two fingers on lever to stretch rubber band, then let go and see if foil ball lands in receiver. The more tension we added to the rubber bands, the farther the ball traveled because of added force. Our ball did not make it into the receiver until we used 9 inches of tension. The ball did not land in the receiver as many times as we thought it would.

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.

Zach Teran
Collin Smouse

Student's Signature

2/18/22

Date

