

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: Mask It
Name: Emily Boognl
School: Hermosa Middle School
Grade Level: 6

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

With COVID-19 going on around the world all of us have been asked to wear a mask when we go out in public, or when we are around others. Have you ever wondered though if masks are really protecting us or are we just wearing them for nothing. In my project I am going to test 7 different masks that I have laying around my house. I will test these masks to see if they protect others from my respiratory droplets so in other words what comes out of my mouth or nose when I sneeze or cough. This project interests me because I do not enjoy having to wear a mask, but if it is protecting me from something, that could possible make me very ill, I will stop thinking that they are useless. I think that the N-95 mask will be the mask that is most protective because it has 5 layers that protect you from all sorts of different things. After conduction my experiment I discovered that the N-95 mask was the only mask that passed both test. In the N-95 mask I was unable to blow out the candle, and no water came through the mask.

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.

Emily Boognl

Student's Signature

2/22/21

Date

