

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION ABSTRACT & CERTIFICATION

TITLE: Heat Insulation Variables

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School: Heights

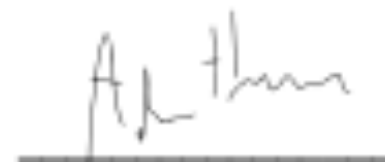
Grade Level: 6th

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

Good insulation is required for houses to decrease heating bills and help the environment. This project compared 6 different household materials to see which insulated the best. I used a therm pro thermometer to measure the change in temperature (dependent variable) in a homemade plexiglass box inside a refrigerator over 1 hour, checking every 10 minutes for each material (independent variable). However, my study discerned that down feathers helped keep the temperature inside the box 5°f warmer than the cloth.

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

02/18/21

Date

