

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: Bitter Taste Test

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Grade Level: 8th

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

Our project is called the Bitter Taste Test. We hypothesize that 50% of the people tested will have the bitter taste, because their taste buds are more sensitive to become a super taste tester. In conclusion 88% of people tasted the PTC test, 100% of people tasted the Thiourea test, and 77% of people tasted the Sodium Benzoate.

In our project we tested 18 participants with three different taste test strip. We tested them to see if they have the bitter taste, our early people tasted different types of herbs, and plants, and if they taste bitterness they know if the plant or herb is poisonous. Testing our participants was very interesting seeing their reactions to the test strip also knowing what they taste was even more interesting. Some said it tasted like a rubberband, a hot toothpick, dental floss and I had one person taste aluminum which was very odd. We recently found out that telling the participants what they should taste affected the data. One main reason that causes the people to taste or not taste the bitterness is the taste buds. Some people have sensitive taste buds which makes them be able to taste the bitterness.

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

