

# SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

## JUNIOR AND SENIOR DIVISION

### ABSTRACT & CERTIFICATION

**TITLE:** What Makes Ice Melt Faster

**Name:** Beatrice Cedro

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

**Grade Level:** 7th

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

I thought of doing this project because I accidentally spilled salt on ice when I was making food. The materials that will be used are salt, sugar, and baking soda and also I will do a test on another set of three ice pieces without any materials on it to see if it will melt faster or the same. The first thing I did was to go get the materials, then I began my experiment. It took me about 4 hours to do each trial because I have to wait 4 hours for the ice to melt inside the fridge. I checked the ice every hour to see if something happened and as expected the ice that has salt melted the fastest and then I tested it 2 more times to confirm my hypothesis. While I was doing the experiment I wrote down the ML's that I measured I measured the water that was already melted right after I took it out of the fridge and then waited for the rest of the solid ice to melt and then I also measured that and then I added both of my result to see the total amount of ice. After doing the procedure I started to finalize things.

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

