

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: A Burning Ring of Fire

Name: Taylor Charleston

School: Tse Bit Ai' Middle School

Grade Level: 7th

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

My topic for my science fair project is geography. I chose this topic because I love to learn about plate tectonics. I wanted to do something about the ring of fire because I think it's interesting how natural disasters are only happening in certain areas that connect them all together they make a circle. I wanted to learn more about plate tectonics. So then I thought, does the size affect how times it can hit other plate tectonics. My hypothesis for this project was that bigger plate tectonics would hit other plate tectonics less. I had to cut 3 different size pieces of styrofoam to represent plate tectonics. I put them in water which represents lava. I timed it for 5 minutes while the time went I kept track of how many times the main plate tectonic hits other plates. The bigger sized plate tectonics hit other pieces less than the smaller plate tectonics. What I learned from my experiment was that bigger plate tectonics hits other pieces less than the smaller. I don't think that I can make any changes but try adding more plate tectonics.

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.

Taylor Charleston
Student's Signature

Feb 11, 2022
Date

