

CWSF 2019 - Fredericton, New Brunswick



Samara Green, Anaya Permanand

Is It Possible to Repurpose Slag from the Nickel Mining Industry?

Challenge: Innovation

Category: Junior

Region: Northern Manitoba

City: Thompson, MB

School: Riverside School

Abstract: We wanted to find a useful and environmentally safe way to help reduce the stockpile of slag, while contributing to an effective solution towards infrastructure and agriculture in Thompson. This project could mean: reducing the slag pile at Vale; helping the city reduce budget costs for road repairs; building community gardens, and creating a stronger more durable type of sandpaper we call it Slag paper.

Biographies

Samara - My name is Samara Green, I was born and raised here in Thompson Manitoba and attend Grade 8 at Ecole Riverside Elementary School. I have been participating in school Science Fairs since Grade 3. Science fairs here in Thompson a Northern remote community sometimes can be challenging as we have to be more creative with our ideas. If it wasn't for our Science teacher Mme. Mervat pushing us to try something different we would not be here today. My favorite subjects are Science and English. I love all sports but my favorite is basketball and dancing. I like hanging out with my friends, swimming and just being outside. I enjoy spending time with my...

Anaya - My name is Anaya Permanand, I live in Thompson Manitoba and attend grade 8 at École Riverside School. I have been participating in science fairs since grade 2, I have received many awards every year since then. In school my favorite subjects are Science, Math and English. I am very athletic and play all sports but mainly basketball, and enjoy playing on my schools sports teams. In the summer, I love to bike and be outside. My friends and I bike all around, since Thompson is a small town. I also enjoy spending time camping with my family. When I grow up, I would like to be a lawyer or a homicide detective.

Awards

Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000