

CWSF 2018 - Ottawa, Ontario



Jodi Myszczyzyn

Piping Hot Air

Challenge: Energy

Category: Intermediate

Region: Northwest Saskatchewan

City: Wilkie, SK

School: McLurg High School

Abstract: This project used free energy from the sun to test which of two sizes of pipes is better at heating air. Increased use of the sun's energy will reduce the burning of fossil fuels which in turn helps reduce global warming.

Biography

I go to McLurg High School and am in grade 10. I play many sports such as volleyball, basketball, badminton, track, golf, softball, and I dance. I also enjoy outdoor sports such as snowboarding, wakeboarding, slalom skiing and tubing. I plan to go into pediatric medical, such as a nurse or a doctor. I got the idea for my project from a video my dad was watching on YouTube about some guy giving demonstrations on a solar panel he had. I then went and researched other homemade solar ideas and found one done where they painted cans black and made them into a sort of a tube. I took this idea and altered it to where I was testing the diameters of pipes. I would like to try it to see if it could be used in the summer. My advice to other students would be to start your project plenty in advance so you the maximum amount of time possible. Another tip is to be as thorough with your research as possible as it will help you to better understand what you are doing and to find something that interests you and you could talk passionately about.

Awards

Value

SHAD Scholarship Awards - Intermediate	\$1 000
Total	\$1 000