

CWSF 2013 - Lethbridge, Alberta



Rachel Mamer

Turning Forward

Challenge: Energy

Category: Senior

Region: Northwest Saskatchewan

City: Wilkie, SK

School: McLurg High School

Abstract: I created a new type of wind turbine that has more than one energy generation point on a single shaft. My model also has a reduced number of moving parts, therefore maintenance costs should be reduced. Combining these two factors I was hoping to create a turbine that would be more efficient yet cost friendly.

Biography

My name is Rachel Mamer and I am a grade 11 student. I enjoy all kinds of sports, my favourite being basketball. In my life I have won three provincial level medals. Two SHSAA provincial bronze medals, one in track and field the other in basketball, and another bronze medal at the 2012 Saskatchewan Summer Games in softball. My future plans include going to university and studying to become a physiotherapist. The inspiration for my project came from wanting to create or improve a method of renewable energy. Advice I would give to another student who is considering doing a science fair project would be to find a problem that needs to be addressed. Make sure you are interested in that area and solve the problem. It is easy to put in the time and effort if you enjoy what you are doing, especially if you know your results could make an impact on other people's lives.

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