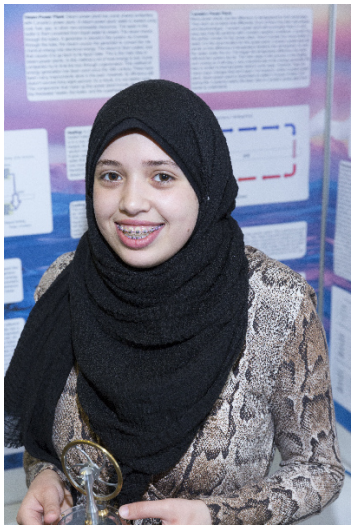
CWSF 2018 - Ottawa, Ontario



Malak Hassan

The Future of Energy: Canada's Power Plant

Challenge: Energy
Category: Intermediate
Region: Southeast Alberta
City: Duchess, AB
School: Duchess School
Abstract: My idea is a new way to produce energy using Canada's unique weather conditions. The power plant will depend on the difference in temperature between the cold atmospheric air and the warmer water under the ice in lakes and bays. Since Canada has more than 50% of all natural lakes on Earth and very cold weather, this idea is perfect for our country.

Biography

My name is Malak Hassan. I am a grade 10 student at Duchess School. I enjoy being involved in the community. I am an active member of my school's student council. I am also part of the teen advisory board for the Brooks Public Library. I am a member of the WE campaign. I am also part of the Brooks Makerspace Committee. I like to volunteer my time a lot. I teach a weekly class for children at the local mosque. I also initiated a program to help involve more students from the Newell County with STEM. Specifically, I encourage students to take part in the regional science fair and help them throughout the journey. Another activity I do is tutoring in all subject areas. I have won many awards such as the Highest Academic Achievement in a Calgary wide competition. I was also a first-place winner at the All Science Challenge. In the future, I would like to be able to have the opportunity to test my project at CANMET-Energy Ottawa.