

CWSF 2012 - Charlottetown, Prince Edward Island



Ossama Mahmoud

Natural chelating agents cleaning our environment

Challenge: Environment

Category: Junior

Region: London District

City: London, ON

School: London Islamic School

Abstract: Heavy metals pollute our environment. These heavy metals usually come from industries. also heavy metals have harmful effects on all living organism using natural chelating agents to clean water. I will measure the heavy metals using an ICP-OES.

Biography

My name is Ossama Mahmoud, I am in grade 8 and go to the London Islamic School. I really enjoy science and math. I got inspired to do this project because I wanted to find out how clean the water is in London, especially that one of the biggest water pollutants are heavy metals. I did some research and found out that I can use certain types of plants to clean water. My favorite sport is Judo, I am a blue belt and enjoy competing at high levels. This is my first year in the Canada wide science fair. In the future I would like to be a physician.

Awards

Value

The Actuarial Foundation of Canada Award - Junior	\$500
Excellence Award - Junior - Bronze Medal	\$300
Sponsor: Nuclear Waste Management Organization	
Western University Scholarship	\$1 000
Bronze Medallist - \$1000 Entrance Scholarship	
Sponsor: Western University	
Total	\$1 800