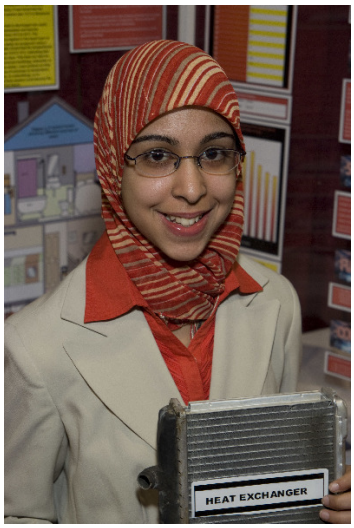
CWSF 2008 - Ottawa, Ontario



Fatima Sunderji

Sewers: The Untapped Renewable Energy Source

Division: Engineering & Computing Sciences / Environmental Innovation
Category: Junior
Region: York
City: Kleinburg, ON
School: As-Sadiq Islamic
Abstract: The purpose of my experiment was to determine how much heat there is in a septic tank, as well as in a storm sewer in the city. Using a heat exchanger, this heat will be recovered to see if it can be utilized to heat an external area. There are many potential uses for this recovered heat. Using this method would greatly decrease heating costs.

Biography

My name is Fatima Sunderji and I am in grade 8. My hobbies include reading and playing sports. When I grow up, I plan to become a doctor or a teacher. I am currently my school's student council president. In March-April 2008, I served as a legislative page at Queen's Park, and had a great experience. Just last year, I qualified as top 40 in Ontario in geography and top 80 in Canada for a national math competition. This is my second year attending the Canada Wide Science Fair, and it definitely is an honour to represent York Region at the CWSF once again.

Awards	Value
Honourable Mention - Environmental Innovation - Junior Sponsor: EnviroExpo, Presented by VIA Rail Canada	$100
Total	$100