

CWSF 2013 - Lethbridge, Alberta



High Efficiency Solar Thermal Collector

Challenge: Energy

Category: Junior

Region:

City: ,

School:

Abstract: A solar thermal collector has been developed for use in residential buildings. A prototype of the solar thermal collector has demonstrated an efficiency which exceeds commercially available collectors. Furthermore, the collector is made of material already being mass produced in Canada and as such can be manufactured cost effectively, and promises to provide both an economical and environmentally friendly alternative to traditional heating methods.

Awards	Value
Challenge Award - Energy - Junior Sponsor: Youth Science Canada	\$500
Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	\$300
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 800