

# CWSF 2013 - Lethbridge, Alberta



## You Can't Beat Free Heat

**Challenge:** Innovation

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** Did you know that the average shower uses 95 liters of hot water? I've created two innovative designs that make use of this otherwise wasted hot water. The first design includes heating your floor with your used shower water and the other design involves a heat exchanger to reclaim heat. After constructing a working model, my results reveal that money and energy can be saved!

Awards	Value
Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100