

## CWSF 2006 - Saguenay, Québec



### Evan Watters

#### Conductive Heat Loss

**Division:** Health Sciences

**Category:** Junior

**Region:** Annapolis Valley

**City:** Wolfville, NS

**School:** King's-Edgehill School

**Abstract:** This project tested insulation and building materials for their ability to resist conductive heat loss. Results were measured by comparing the inside and outside surface temperatures of test materials using a home made test box. Extruded Polystyrene's consistent structure proved best at trapping air and reducing conductive heat loss.