

## CWSF 2005 - Vancouver, British Columbia



### Tyler Travers

#### Heat Pumps: How to Heat a House with Cold Water

**Division:** Engineering & Computing Sciences

**Category:** Junior

**Region:** Annapolis Valley

**City:** Hantsport, NS

**School:** Hantsport School

**Abstract:** This project incorporates various fundamentals of thermodynamics to construct a working heat pump and prove that cold water can heat a house. This method of heating is good for the environment due to the resulting reduction in greenhouse gases. It is actually possible to use Mother Nature's energy rather than burning fossil fuels.