



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.



