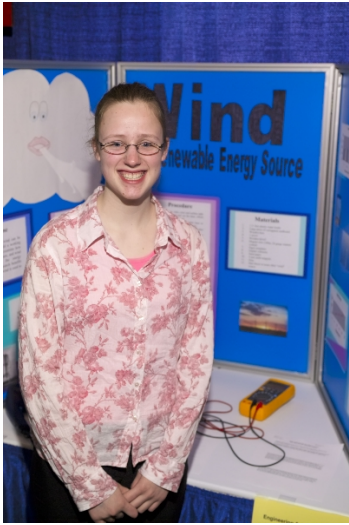


CWSF 2005 - Vancouver, British Columbia



Jennifer Heinrichs

Wind - A Renewable Energy Source

Division: Engineering & Computing Sciences

Category: Intermediate

Region: Regina

City: Regina, SK

School: Thom Collegiate

Abstract: A model turbine was built and used to determine how wind energy can be converted into electrical energy. The effects of wind direction, temperature and velocity on the voltage generated by the turbine were determined. The benefits of using wind energy were also researched.