

## CWSF 2006 - Saguenay, Québec



### Brian Hearnden

#### Gone With the Wind

**Division:** Health Sciences

**Category:** Junior

**Region:** Pacific Northwest

**City:** Smithers, BC

**School:** Lake Kathlyn Elementary

**Abstract:** This project tested how the size and angle of blades on a wind turbine affects the electrical output. By mounting a wind turbine to the front of a vehicle, which then traveled at a constant 30km/h, I found that 6" blades at a 15-degree angle generate the highest electrical output.