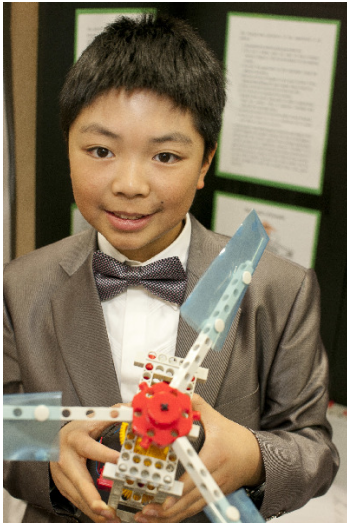


CWSF 2011 - Toronto, Ontario



Kelvin Leung

Maximizing Wind Turbine Blade Efficiency

Challenge: Energy

Category: Junior

Region: Renfrew County

City: Pembroke, ON

School: Highview P.S.

Abstract: The project is to determine the effects of different wind turbine blade shapes over the amount of electricity is generated by the rotation, for different wind speeds. 4 blades shapes were used.

Biography

My name is Kelvin Leung. I have a great interest in Science. During an experiment when I was little, I burnt a mark in my kitchen by making a Kleenex catch fire when having a wire on a 6V battery. My favourite subjects in school are math and science. My other interests are playing the piano, violin, badminton, and reading. In the previous years, I have entered the Math Kangaroo Contest and represented Canada to go to a Math Camp in France. In my community, I have volunteered to play the piano to raise money for the Cancer Society. I have also entered the Kiwanis Music Festival and won numerous awards, and I am participating in the Ontario Provincial Kiwanis Music Festival in June of 2011. In the future, I want to pursue a career as an engineer, and use my skills to help the community in many way.