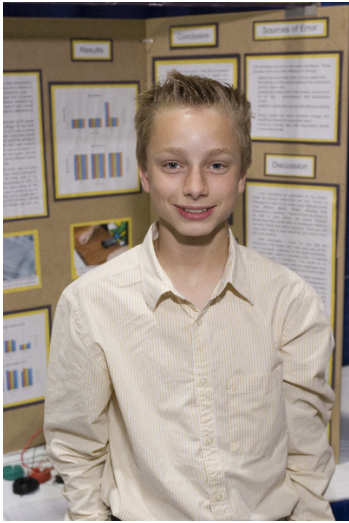


## CWSF 2010 - Peterborough, Ontario



### **You Can't Resist It!**

**Division:** Physical & Mathematical Sciences

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** Resistance in electrical power distribution causes inefficiency. I investigated the factors that affect resistance in copper wire. I carried out experiments that helped me to determine that resistance is caused by several factors. Temperature does affect resistance, but has a negligible overall effect.