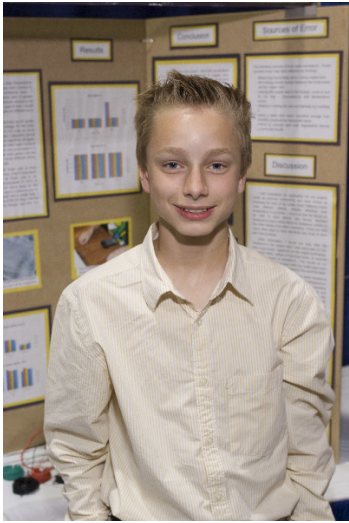


CWSF 2010 - Peterborough, Ontario



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.