

CWSF 2008 - Ottawa, Ontario



Wireless Electricity

Division: Health Sciences / Environmental Innovation

Category: Junior

Region:

City: ,

School:

Abstract: This project is designed to demonstrate the transmission of electricity without wires. Using a home-designed apparatus, electricity was transferred between a sending coil and receiving coils. The experiment demonstrated that the second coil interfered with the magnetic field produced by the powered coil. Other tests measured the effects of distance and obstacles on a wireless electricity transfer.