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Daniel Lang

The Tesla Coil: Transmission of Radiant Energy

Division: Health Sciences

Category: Senior

Region: Regina

City: Regina, SK

School: Campbell Collegiate

Abstract: A Tesla Coil is an air cored resonant transformer. It's purpose is to create intense electromagnetic radiation and wirelessly transmit electrical energy. It does this by amplifying a regular household voltage by tens of thousands of times. It uses resonance to excite two separate circuits, which transfers energy between them. The Tesla Coil spawned modern radio transmission.