

# CWSF 2011 - Toronto, Ontario



## Nathan Heuvel

### E-Mission Control

**Challenge:** Innovation

**Category:** Junior

**Region:** Rideau-St. Lawrence

**City:** Cardinal, ON

**School:** St. Lawrence Academy

**Abstract:** My project is about getting energy from the emissions of a car. I will use a homemade tesla turbine to test this theory. I will connect the turbine to the exhaust of a truck. It would be good to make more energy from something that pollutes or world.

### Biography

My name is Nathan Heuvel. I like to ride and rebuild dirt bikes/allterrain vehicles and tinker with electronics. My current projects are modding a portable Nintendo 64 and rebuilding a 1977 100cc motor bike. My past projects were rebuilding a 82cc dirt bike and rebuilding a pocket bike. I wish to build an electric car and a hydrogen motor bike. Unlike other kids I do not get an allowance so if I want money I have to earn it myself. I work very hard to make the money I need for my projects. Any spare time I have I use on my projects I don't usually go out for fun, I find tinkering fun. I love green energy and environmental gadgets. One of my favorite things to do is science fair; last year I made it to Canada Wide Science Fair and that was one of the best weeks of my life.

### Awards

### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Total	\$1 300