

## CWSF 2009 - Winnipeg, Manitoba



### Hydro Splitting

**Division:** International / Automotive

**Category:** Junior

**Region:**

**City:** ,

**School:**

**Abstract:** The automobile industry is currently looking for new innovative ways to increase fuel efficiency, as well as become more environmentally friendly. My project looks at how hydrogen gas can be efficiently and effectively produced through the process of electrolysis. By increasing the voltage, ionizing the water solution, and using durable metals, hydrogen gas can be readily available to power an engine without hurting our environment.