

## CWSF 2009 - Winnipeg, Manitoba



### Mark Biggin

#### Let's Split for a Greener Future

**Division:** Engineering & Computing Sciences / None

**Category:** Intermediate

**Region:** Central Newfoundland

**City:** Creston, NL

**School:** Pearce Jr. H.S.

**Abstract:** Electrolysis is a process which uses electricity to break down water into its elements (Hydrogen and Oxygen). Some believe that water is the fuel of the future. Future cars will likely run on a hydrogen fuel cell, so if we can find the right electrolyte and electrode that will maximize the production of hydrogen we can help to make a greener future.

#### Biography

My name is Mark Biggin. I am 14 years old. I live in Marystown and I am a grade nine student attending Pearce Junior High School. My interests include drama, ball hockey, music, reading, movies, and hanging out with friends. Although I am unsure of my career choice it is likely to be in the science field. Since grade 7 I have moved from the school level to the regional level with my science fair projects. My drama troupe recently participated in the regional drama festival and were selected to attend the provincials. This is my first trip to Winnipeg and I'm looking forward to it.