

## CWSF 2011 - Toronto, Ontario



### Trevor Harder

#### A "Power Full" Separation

**Challenge:** Energy

**Category:** Intermediate

**Region:** Northern Vancouver Island

**City:** Port McNeill, BC

**School:** North Island Secondary

**Abstract:** I am interested in learning about hydrogen fuel and have performed an experiment using electrolysis to generate hydrogen gas. I have used variables in catalyst and voltage. It is my hope to apply my new understanding of hydrogen fuel to making efficient use of a renewable energy to promote the use of hydrogen and contribute to a cleaner planet.

#### Biography

My name is Trevor Harder and I live in a small community on North Vancouver Island. I am in Grade 10. I come from a large family and have 6 brothers and two sisters. Even though I live in a small community I am involved in many things. I am a member of the Junior Canadian Rangers, a member of the Junior Firefighters, a Youth Leader, and a soccer referee.. I also participate in rock climbing, mountain biking, camping paintballing, fishing, playing the guitar and piano. I enjoy science and hope to one day work in the field of medicine.