

CWSF 2012 - Charlottetown, Prince Edward Island



Trevor Harder

A Stirling Idea

Challenge: Energy

Category: Senior

Region: Northern Vancouver Island

City: Port McNeill, BC

School: North Island Secondary

Abstract: The thermodynamic processes of the Stirling engine are intriguing and "A Stirling Idea" science project was designed with the purpose of discovering the potential of this engine. The knowledge obtained could then be applied in making efficient use of a renewable energy based on the Stirling engine to 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 11. 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 enjoy rock climbing, mountain biking, camping, paintballing, fishing, playing the guitar and piano. I enjoy science and hope to one day work in the Canadian Forces as a Search And Rescue Technician.