

## CWSF 2010 - Peterborough, Ontario



### Nick Hayden

#### Aerodynamics of Transport Trucks II

**Division:** Biotechnology

**Category:** Junior

**Region:** Yukon Stikine

**City:** Whitehorse, YT

**School:** Vanier Catholic Secondary

**Abstract:** To design, construct and test a custom truck body design based on a current truck chassis that is more aerodynamic than a current truck design, even with drag reducing modifications. Then show through calculations how much fuel, money and CO2 emissions could be saved from a reduction in drag.

#### Biography

My name is Nick Hayden. I am thirteen years old and a 1st degree Black Belt in Shotokan Karate. I also train with the sword, sai and bo staff. I like basketball, football, badminton, and tennis. I am a decent swimmer and I like to draw. My favourite subjects in school are gym, science and socials. I like ancient Romans and Greeks, especially the Gladiators and Spartans. I like Greek myths and know a lot about them.

#### Awards

#### Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Automotive - Junior Sponsor: AUTO21	\$300
Total	\$1 300

