

CWSF 2008 - Ottawa, Ontario



Kevin Venalainen, Yaro Chebunin

Efficiency is the Key

Division: Health Sciences / Automotive

Category: Intermediate

Region: Greater Vancouver

City: Coquitlam, BC, Vancouver, BC

School: Killarney Secondary

Abstract: Our project is based on testing which projectile shape will be the most efficient in a coil gun. We built a coil gun and measured the energy in bullets fired from it. Using this data, we figured out what efficiency, in percent, we were getting and compared the efficiencies across different projectile shapes.

Biographies

Kevin - I was born in Vancouver, BC on Feb 26th, 1992. Currently, I am attending Killarney Secondary School. Currently, I play curling on a team with my family. My goal for post secondary is to get into the UBC Engineering-Physics program.

Yaro - My full name is Yaroslav Chebunin, but most people call me Yaro. I am originally from the far east side of Russia and I immigrated to Canada at the age of 7. Throughout the years I have progressed through school with excellent grades and when the time came for me to go to high school, I was accepted into Killarney Mini School. In this program I have learned to develop very strong academic and social skills. One of the privileges of being in Mini School was the chance to participate in a science fair. This science fair, along with the help of my partner Kevin, allowed me to explore areas of science that I otherwise would not pay attention to. ...

Awards

Value

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| Honourable Mention - Automotive - Intermediate Sponsor: AUTO21 | \$100 |
| Honourable Mention - Engineering - Intermediate Sponsor: Youth Science Foundation Canada | \$100 |
| Total | \$200 |