

## CWSF 2007 - Truro, Nova Scotia



### James White

#### Wreaking Havoc on Rust

**Division:** Health Sciences / Automotive

**Category:** Intermediate

**Region:** Northwest Saskatchewan

**City:** Unity, SK

**School:** Unity Composite H.S.

**Abstract:** In my project, I compared industrial strength lubricants and penetrating oils in order to see which would perform the best. I then tested them against genuine Coca-Cola, in order to see if the acidic properties of Coca-Cola would outperform the industrial products. Then, through trial and error, I created my own effective type of rust remover, which worked in a similar fashion to Coca-Cola.

#### Biography

I was born on December 3, 1990 in Swift Current, SK. I was brought home to my current home, a mixed farm near Unity, SK, on December 22, 1990 by my adoptive parents. I have lived on the farm ever since, and have dutifully performed farm work since I was very young. Along with working with cattle and other livestock, I have always enjoyed driving tractors and machinery and field work. I developed a love for my hobbies, for which living on a farm is beneficial for enjoying them. I enjoy woodworking, welding, machining, mechanics, snowmobiling, and many more. One of my favorite things to do is build models. I build or customize model trucks, semis, and farm equipment. I also like to build displays with my models, such as farms. I am currently taking Grade 10 at Unity Composite High School. After I graduate, I would like to attend the University of Saskatchewan for architectural or mechanical engineering. I have always enjoyed designing things, from model houses to working farm equipment, and I would like to apply that passion to my career, which is why engineering and architecture could be the ones for me.

#### Awards

#### Value

Honourable Mention - Automotive - Intermediate Sponsor: AUTO21	\$100
Honourable Mention - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$100
<b>Total</b>	<b>\$200</b>