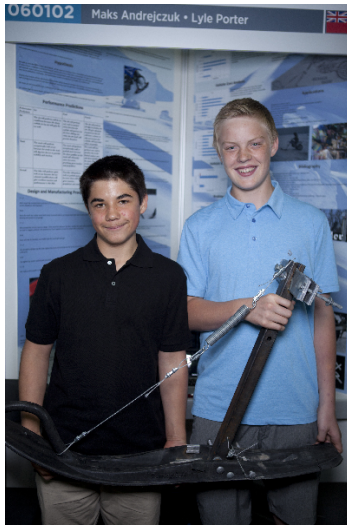


CWSF 2013 - Lethbridge, Alberta



Maks Andrejczuk, Lyle Porter

Storm Raider

Challenge: Innovation

Category: Junior

Region: Simcoe County

City: Wasaga Beach, ON, Nottawa, ON

School: Mountain View P.S.

Abstract: We have adapted a 125cc motorized dirtbike into a "snowbike" and we call it the Storm Raider. We have gone through many design and manufacturing stages in the evolution of our vehicle. Our year-round prototype is fully functional and we have scientifically proven through research that the Storm Raider is lighter, more economical and produces lower emissions, as well as outperforming a snowmobile in tests.

Biographies

Maks - My name is Maks Andrejczuk, I am half English, and half Ukrainian on my father's side. I was born near Vancouver, B.C. but my family and I moved to our current residence in Wasaga Beach, Ontario when I was seven. I live on lakeside property, in a house my dad, my brother and I built ourselves. Blue Mountain is my local ski hill, and I ski on it every day I can in the winter season. I am enrolled in the gifted learning program at my school, Mountain View, in Collingwood. I have been successful with many engineering projects, but this is the first time I have progressed to the national level. I hope to pursue a career in engineering and techn...

Lyle - My name is Lyle Porter; I am half Swedish, and half Canadian. I was born in Collingwood, Ontario but I currently live in Nottawa. Maks and I got our inspiration for the Storm Raider when dirtbiking on our property. My science fair partner, Maks Andrejczuk and I both love winter and its activities and thought it would be a suitable project, as well as being something we could use. If we were to produce the Storm Raider on a large scale, we would have to improve the stability of the ski, as well as the flotation of the track. If you are trying to create an engineering project, I suggest that you don't settle for your first idea and that you i...

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