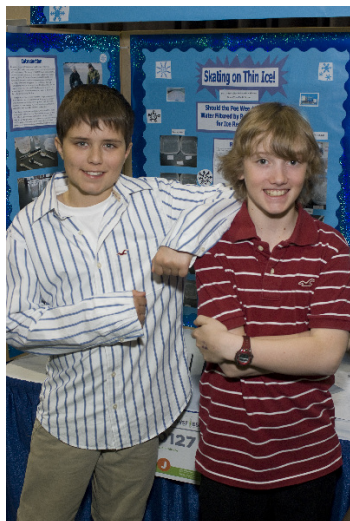


## CWSF 2009 - Winnipeg, Manitoba



### Austin Kirkwood, Jordan Allick

#### Skating on Thin Ice

**Division:** Health Sciences / Environmental Innovation

**Category:** Junior

**Region:** Algoma Rotary

**City:** Sault Ste. Marie, ON, Sault St Marie, ON

**School:** Grandview P.S.

**Abstract:** This project set out to determine if the Pee Wee Arena should use water filtered by reverse osmosis (RO) for resurfacing ice in an effort to save energy and money. Experiments were conducted that tested properties of ice made by RO and tap water. RO water made faster, harder, clearer and stronger ice and would cost less to maintain than ice made with tap water.

#### Biographies

Austin - My name is Austin Kirkwood and I'm very excited to be at the Canada Wide Science Fair. I really like playing hockey, golf, basketball and lacrosse. I also like robotics, waterskiing and playing road hockey with friends. My favorite things are playing cards with my family, hot sunny days at camp, cheeseburgers, chocolate ice cream and milkshakes. I like living in Sault Ste. Marie because of the four seasons. Important things in my life are my friends and my family, my four cats and my backyard rink. I am proud of my sister Maggie and my parents because they are hard working, determined and good leaders. I am lucky because I have such great f...

Jordan - My Biography By Jordan C. Allick. Hello, my name is Jordan Allick and I live in Sault Ste. Marie Ontario. The first thing I would like to say is that I love science. I am 12 years old and a student in seventh grade at Grandview public school. One of my favorite experiences was when I went to the Vancouver Aquarium, which is when I realized what I would like to do when I graduate. When I get older I would like to get my PHD in marine biology. The next place I hope to visit is Sea World. I enjoy many other subjects and also participate in many school sports including: Track and field, soccer, basket ball, base ball, and volley ball. I am a lunc...

Youth Science Canada  
PO Box 297  
Pickering ON L1V 2R4  
www.youthscience.ca / info@youthscience.ca  
416-341-0040