

# CWSF 2010 - Peterborough, Ontario



## Breanna Gowe, Meg Cumming

### Need 4 Speed

**Division:** Physical & Mathematical Sciences

**Category:** Junior

**Region:** Central Okanagan

**City:** Naramata, BC, Okanagan Falls, BC

**School:** KVR Middle School

**Abstract:** The freeware program Tracker was used to analyze video of a skier accelerating. When racing skis were compared to recreational twin tips, the racing skis were found to be faster. Secondly, tucking was compared to standing and tucking was found to be faster. Thirdly, standing with a weighted back pack (26lbs) was compared to just standing. Surprisingly, standing with a back pack was faster.

### Biographies

**Breanna -** Breanna lives in the small community of Naramata, just north of Penticton, in the heart of the Okanagan British Columbia. Outside of school, Breanna is very involved in dance including ballet, jazz and lyrical. She is a member of her school concert and jazz bands, playing saxophone and trumpet. She also has been studying piano for many years. Breanna participates in school sports such as basketball, volleyball, baseball and soccer. This is Breanna's second year in the French immersion program in Penticton. Breanna enjoys water skiing with Meg and learning how to wake board. Breanna has been friends with her science fair partner, Meg, since ...

**Meg -** Meg lives in the small community of Okanagan Falls, just south of Penticton. She is a very competitive downhill skier, specializing in slalom and Giant slalom. Last year she was on the BC team for ski racing. Being on the BC team has given her many opportunities to travel through out British Columbia and to Norquay in Banff, Alberta. Meg also enjoys all kinds of sports including basket ball, volley ball, track and field, baseball, soccer, and cross country. This is Meg's second year in the French immersion program in Penticton. Meg plays the Trumpet with her school concert and jazz bands. She enjoys living on Skaha Lake so she can go water ...

### Awards

### Value

Honourable Mention - Physical & Mathematical Sciences - Junior	\$100
Sponsor: Encana Corporation	
Total	\$100