

## CWSF 2007 - Truro, Nova Scotia



### Carleigh MacKenzie

#### Sun + Wind = Energy with a Spin

**Division:** International / None

**Category:** Junior

**Region:** Chinook Country

**City:** Calgary, AB

**School:** Red Deer Lake School

**Abstract:** The problem that I am trying to solve is with using mathematical calculations can i estimate to find out if our home can run on green enrgy (solar and wind energy)in the winter months. For my experiment i used reading of power usage and reading from Enviroment Canada. From here i'm going to use mathamatical calulations to find out my results.

#### Biography

I am 14 years old. I live in Calgary, AB with my parents, my brother, Logan who is 12 and my dog B.J. My interests and hobbies are horse jumping, basketball, volleyball and running. I have many achievements in my athletic sports as well as education. I enjoy hanging out with family and friends, I am easy going and have good work habits. I am very excited about attending the National Science Fair and proud to represent my school, Red Deer Lake. I enjoy science and math and therefore, have put a great effort into my science fair. I am excited to travel to Nova Scotia, this will be the farthest East in Canada that I have travelled.