

## CWSF 2009 - Winnipeg, Manitoba



### Lainey Lazurko

#### The Solar Chef

**Division:** Health Sciences / Environmental Innovation

**Category:** Senior

**Region:** Northern Saskatchewan

**City:** La Ronge, SK

**School:** Churchill Composite H.S.

**Abstract:** This project studied solar cooking using two different engineered designs. Ten meals were cooked, nine times each: 3 times in both solar ovens, and once in the oven, microwave and crock-pot. An energy and cost comparison found that solar cooking is better for the environment. The danger zone explains that I was able to solar cook but not able to safely cook every meal.

#### Biography

My name is Madelaine Lazurko. I live in La Ronge, Saskatchewan. My birthday is in December 1992. I am currently a grade ten French Immersion student. I participate in the school choir and the yearbook club. I am a senior member of the La Ronge figure skating club and a program assistant for the Can Skate and Young Blades program. I play the orchestral piano and have qualified for the provincial music festival for the past five years. I am a distinction student with the Academy of Music and have retained my distinction status for four years. I am an active member in my local parish and frequently help with services. In my spare time, I like to read, swim and spend time with my family and friends. The past few years I have been in the top five of the regional science fair and have won numerous scholarships. I have been twice to the Winner's Showcase science fair in Regina where I displayed my project. My goal is to graduate with a bilingual diploma and later take university classes working towards an Arts & Science degree.

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