

## CWSF 2009 - Winnipeg, Manitoba



### Nolan Symonds

#### It's All About The Moulting Cycle

**Division:** Physical & Mathematical Sciences / None

**Category:** Intermediate

**Region:** Tri-County

**City:** Woods Harbour, NS

**School:** Barrington Municipal High School

**Abstract:** Countlessly I've heard the many wives tails of my fishing community. One that peaked my curiosity states that any lobster with a swollen, discoloured stomach signifies the lobster is starting or finishing the moulting process. I wanted to link three influential factors of the lobster; THP levels, swollen / discoloured stomachs, and the moult cycle to conclude that the wives tail is false or valid.

#### Biography

I live in Woods Harbour N.S. Which is a community that is based on fishing. I go to school at Barrington Municipal High School (B.M.H.S.). I won best overall project when I attended the tri-county science and technology expo. This is the first time I have been chosen to attend the Canada wide science fair.