

# CWSF 2008 - Ottawa, Ontario



## Peter O'Rielly, Hilary Walsh

### Shhhhhhh-2: Sound Absorption

**Division:** International / None

**Category:** Senior

**Region:** Central Newfoundland

**City:** St. Brendan's, NL

**School:** St. Gabriel's All Grade

**Abstract:** This project deals with sound absorption and several properties that effect a materials ability to absorb sound. Through experimentation we were looking to see the effects of altering a materials temperature, surface composition, and external shape on sound absorption. We were also looking to see if altering the frequency of a sound wave would have any effects on the materials ability to absorb the sound.

#### Biographies

Peter - My name is Peter O'Rielly, I'm 16 years old and a level 1 student at St.Gabriel's All Grade School on St.Brendan's island Newfoundland (population 150). I am a member of student council an honour student, an active volunteer within my school and community and a member of our schools floor hockey team. I enjoy all sports especially hockey, basketball, and tennis. I enjoy watching movies, reading books, drawing portraits and hanging out with friends. When I graduate I plan to attend Memorial University of Newfoundland where I hope to become either a mechanical engineer or obtain a Ph D in mathematics and later become a Prof. at a University.

Hilary - My full name is Hilary Alexandra Walsh and I am a Grade 11 student at St. Gabriel's All Grade School in St. Brendan's, Newfoundland and Labrador. I am a member of my school's Student Council and I am also an altar server for my church and a member of my community's Parish Council. My hobbies include playing and watching sports, writing, and reading. After high school I plan on attending a university where I can obtain a degree in Behavioral Science and I would love to pursue a career in law enforcement.

#### Awards

#### Value

Honourable Mention - Physical & Mathematical Sciences - Senior	\$100
Sponsor: <u>Encana Corporation</u>	
Total	\$100