

CWSF 2007 - Truro, Nova Scotia



Hilary Walsh, Peter O'Rielly

Shhhhhhhhhh! Sound Absorption

Division: International / None

Category: Intermediate

Region: Central Newfoundland

City: St. Brendan's, NL

School: St. Gabriel's All Grade

Abstract: This project deals with sound absorption and the implications that certain properties can have on a material's ability to absorb sound. By using an oscilloscope to project a viewable soundwave, our experiment has shown that certain alterations can change sound absorption. Our findings proved that both thickness and moisture have minimal effects on sound absorption while surface composition dramatically alters sound absorbing abilities over all.

Biographies

Hilary - My full name is Hilary Alexandra Walsh and I am a Grade 10 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, 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.

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 160). 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 mathematics teacher.