

## CWSF 2007 - Truro, Nova Scotia



### Brandon Doyle

#### Insulation Investigation Searching for Alternatives

**Division:** Health Sciences / None

**Category:** Junior

**Region:** Prince Edward Island

**City:** Cornwall, PE

**School:** Bluefield High School

**Abstract:** I designed a thermo conductivity device that was used to test ten chosen materials and a control to see if any would be able to compete with polystyrene foam or fiberglass insulation. The control was found to be the least effective. Although polystyrene insulation was found to be the most efficient insulator, used dryer sheets were found to be just as effective as fiberglass insulation.

#### Biography

Brandon Doyle is from Cornwall Prince Edward Island. He is 13 years old and is in the seventh grade at East Wiltshire Intermediate School. He enjoys science and has been participating in science fairs since the fourth grade. He has won several awards at the district and provincial level. His hobbies include eclectic guitar, making animations, skateboarding and reading. He also plays trombone in his school band. His future plans include perusing a career in the field of science.