

## CWSF 2011 - Toronto, Ontario



### Gibson Porter

#### Heat transfer in an Igloo

**Challenge:** Energy

**Category:** Junior

**Region:** Kitikmeot

**City:** Gjoa Haven, NU

**School:** Qiqirtaq Ilihakvik

**Abstract:** To study how an igloo stays warm, I looked at how heat moves in an igloo. I built a heat motor to demonstrate how hot air will rise and create a convection current.

#### Biography

Hello, my name is Gibson Porter, I am 13 years old and in grade 8. I have lived most of my life in Gjoa Haven, NU. I am learning to speak Inuktitut, and I love learning traditional knowledge and how to survive on the Arctic Tundra. I spend a lot of time being outside with my friends and my twin brother, David Jr. We have a husky named Putu, she pulls us around the community using a mini kamutik. I am part of the Junior Canadian Rangers team, we meet in the evenings to learn more about survival in the Arctic. I also love to play sports, my favourite sport is soccer. I enjoy baking and doing arts and crafts. I am interested in aviation and hope to someday become a pilot. I want to fly the planes between the communities in Nunavut. I have family all over Nunavut, if I was a pilot I could visit them all more often. I hope to spend more time on the land with the elders to learn more about my culture and Inuit history.

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