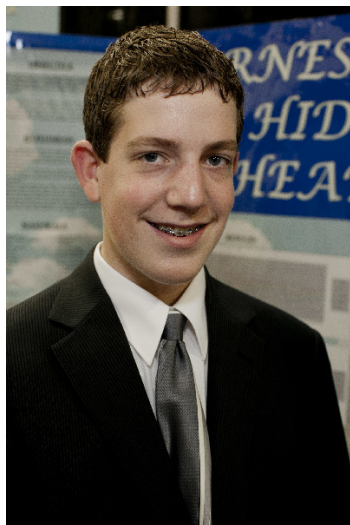


## CWSF 2011 - Toronto, Ontario



### Dylan Kassian

#### Harnessing the Hidden Heat

**Challenge:** Energy

**Category:** Intermediate

**Region:** Northern British Columbia

**City:** Fort St. John, BC

**School:** Bert Bowes Jr Secondary

**Abstract:** The purpose of this project is to determine whether or not it is feasible to extract heat from concrete and asphalt. This was tested by running water filled pipes through the concrete and asphalt. It was determined that it is feasible to extract heat from concrete and asphalt, more heat was extracted from the asphalt than from the concrete.

#### Biography

I am a Grade 9 student at Bert Bowes Junior Secondary School in Fort St. John, BC. I have made it to the Northern BC Regional Science Fair five times and I have been to two Canada Wide Science Fairs. I have won the BC Hydro Power Smart award twice, the Enviro Expo award, and the Federation of B.C Naturalists Award. When I attended the Canada wide science fair I won a bronze medal both years. I enjoy all outdoor activities such as four-wheeling, snowmobiling, boating, hunting and fishing. In 2008, I traveled to Africa on a hunting safari which was an amazing experience. Playing fastball is a sport I enjoy and I have gone to provincials twice.